

# TM 9-1430-250-12P/10/2<sup>900</sup>

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

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OPERATOR AND ORGANIZATIONAL  
MAINTENANCE REPAIR PARTS  
AND SPECIAL TOOL LISTS  
ILLUSTRATION SUPPLEMENT  
FOR

RADAR COURSE DIRECTING CENTRAL  
TRACKING STATION, GUIDED MISSILE,  
TRAILER MOUNTED AN/MPA-5A  
AND AN/MPA-5B

(IMPROVED NIKE-HERCULES AIR DEFENSE  
GUIDED MISSILE SYSTEM)



HEADQUARTERS, DEPARTMENT OF THE ARMY

APRIL 1964

TECHNICAL MANUAL

No. 9-1430-250-12P/10/2

HEADQUARTERS,  
DEPARTMENT OF THE ARMY  
WASHINGTON, D. C., 24 April 1964

**RADAR COURSE DIRECTING CENTRAL  
TRACKING STATION, GUIDED MISSILE,  
TRAILER MOUNTED AN/MPA-5A, AND AN/MPA-5B  
(IMPROVED NIKE-HERCULES AIR DEFENSE GUIDED MISSILE SYSTEM)**

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## SECTION I.

### PREFACE

#### 1. General

This technical manual is an illustration supplement to TM 9-1430-250-12P/10/1. The purpose of this supplement is to furnish the user illustrations that will depict and identify all authorized repair parts, tools and equipment listed in TM 9-1430-250-12P/10/1.

#### 2. Illustrations

Items that appear on the illustrations, but which are not listed in TM 9-1430-250-12P/10/1, are not authorized items. In such cases, or where discrepancies exist between information found in this supplement and TM 9-1430-250-12P/10/1, the information found in the latter manual will prevail for requisitioning purposes.

#### 3. Numerical Index

The numerical index in this supplement is an alpha-numerical listing furnished to aid in locating illustration coverage

of authorized items listed in TM 9-1430-250-12P/10/1. In order to locate illustrations on which authorized items may be found, the authorized item reference number appearing in the description column of TM 9-1430-250-12P/10/1 must be checked with the number appearing in the numerical index of this supplement. The figure number column in the numerical index of this supplement identifies the figure where the item may be found. In certain cases the item appears on two or more figures. In such cases the additional figures are also shown. To locate the item, refer to the figure shown in this column and to the item number shown in the item number column.

#### 4. Special Information

a. The following list is to aid in locating components, assemblies, and subassemblies.

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\*This manual supersedes TM 9-1430-250-12P/10/2, 27 March 1963.

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### 5. Reporting of Equipment Manual Improvements

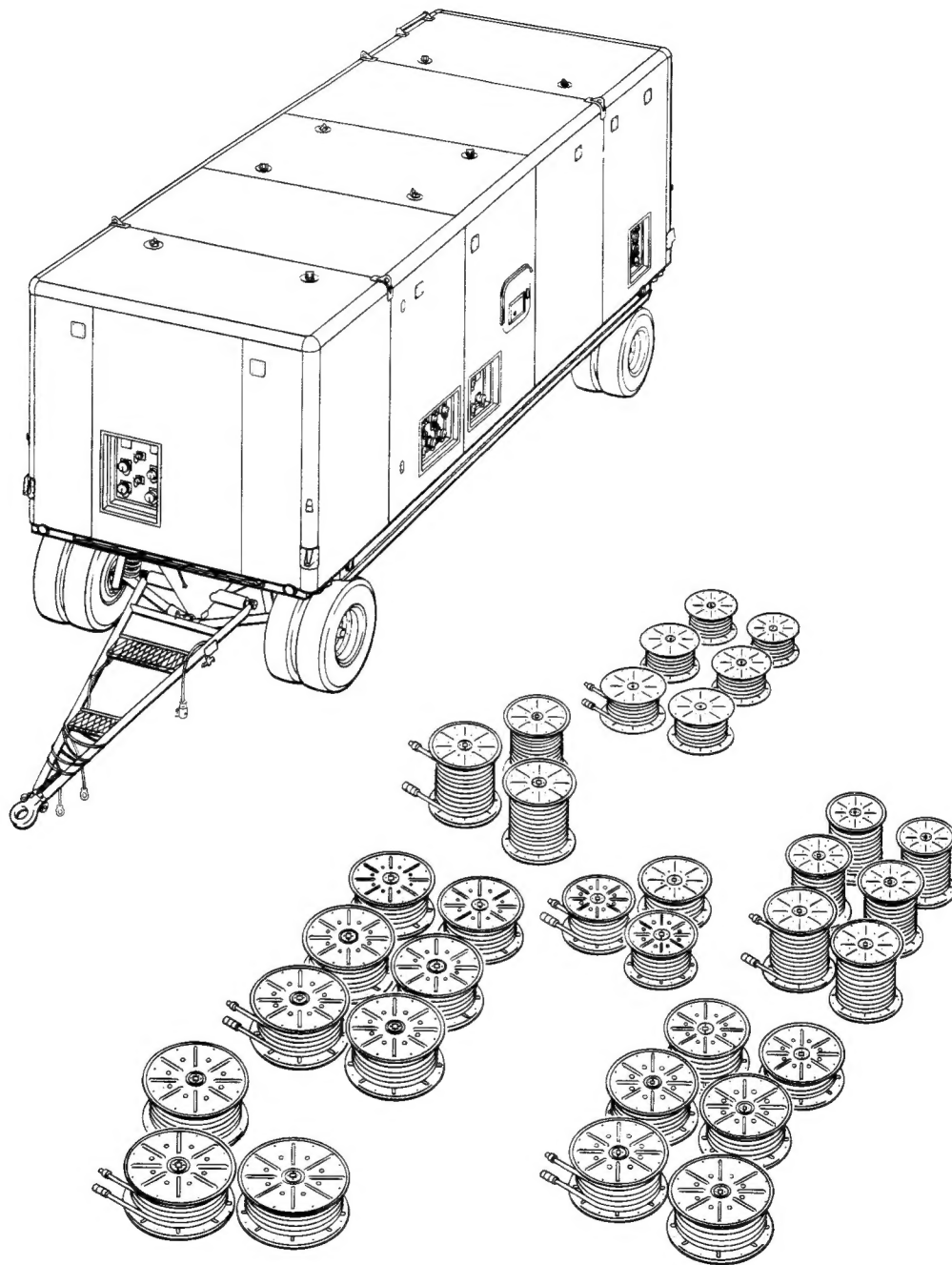
The direct reporting of errors, omissions and recommendations for improving this equipment manual by the individual user, is authorized and encouraged. DA Form 2028 will be used for reporting these improvements. This form may be completed using pencil, pen, or typewriter. DA Forms 2028 will be completed in triplicate and forwarded by the individual using the manual. The original and one copy will be forwarded direct to:

Commanding General  
U. S. Army Missile Command  
ATTN: AMSMI-SMPS  
Redstone Arsenal, Alabama 35809

One information copy will be provided to the individual's immediate supervisor (e.g., officer, noncommissioned officer, supervisor, etc.).

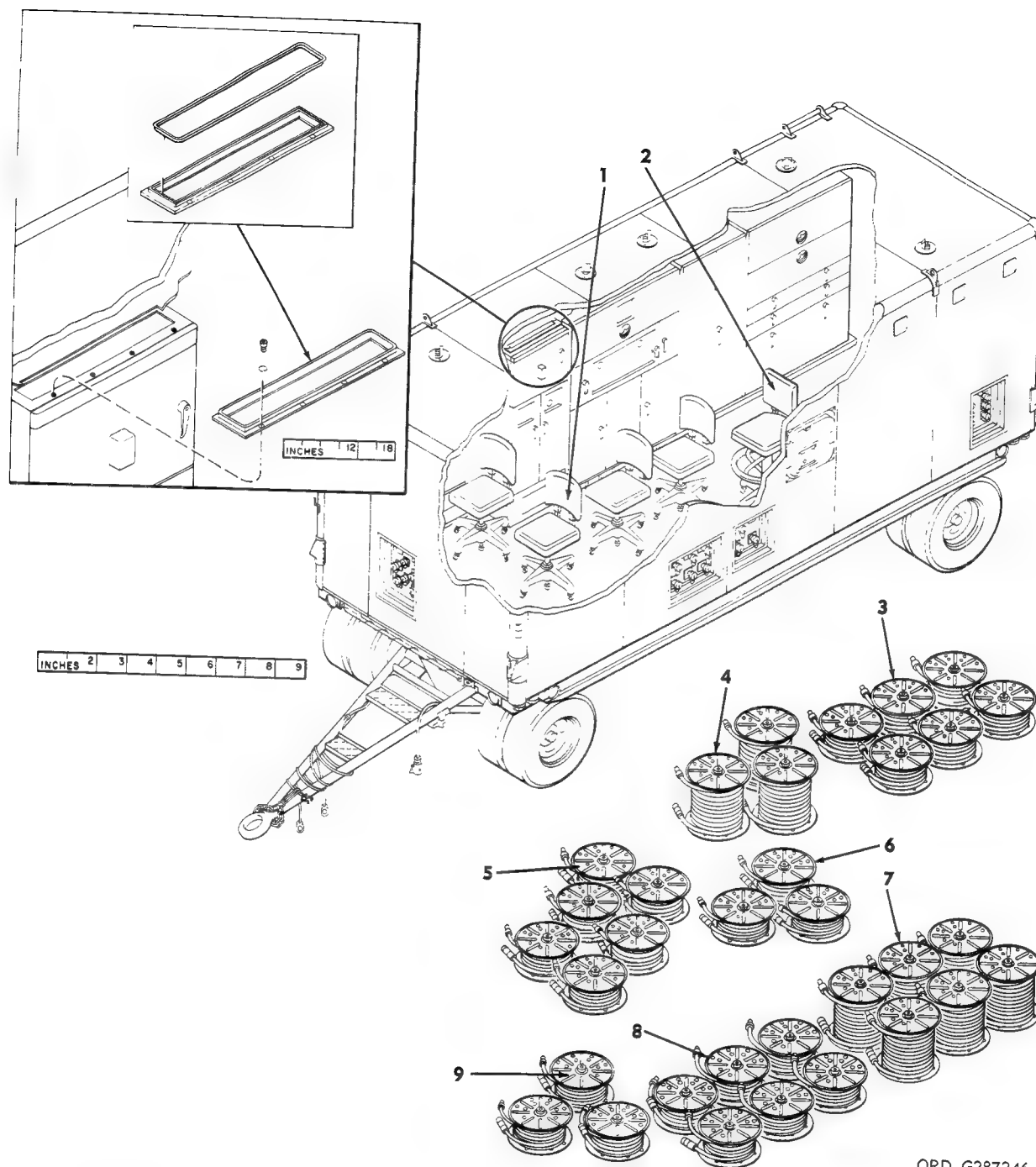


## SECTION II. ILLUSTRATIONS



ORD G19664

Figure 1. Tracking station group, guided missile (9143629 and 9988894)—partial exploded view



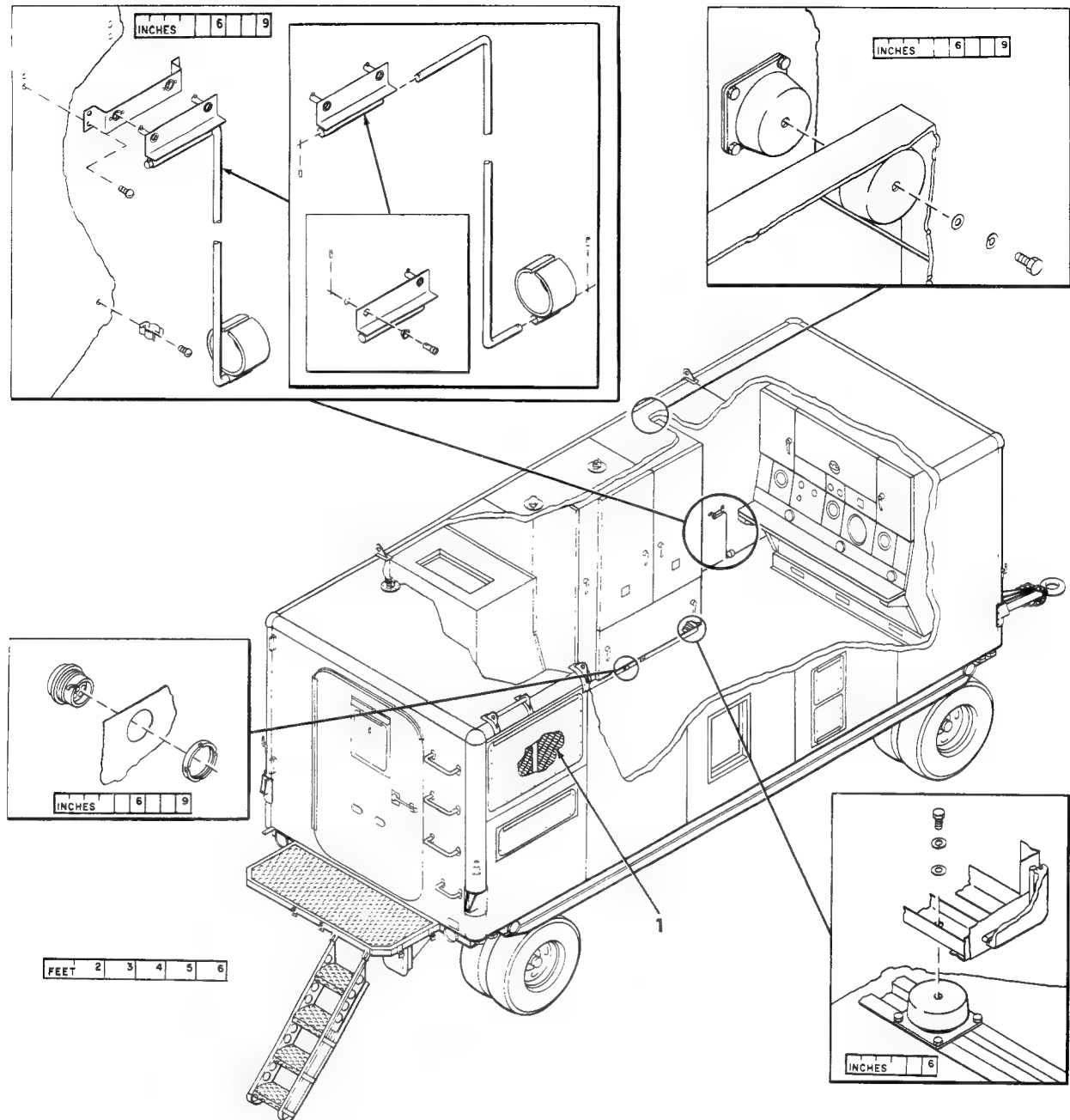
ORD G287246

- 1 CHAIR 8010424
- 2 CHAIR 9144063
- 3 CABLE ASSEMBLY AND REEL 8171824
- 4 CABLE ASSEMBLY AND REEL 8007327

- 5 CABLE ASSEMBLY AND REEL 7612367
- 6 CABLE ASSEMBLY AND REEL 7612362
- 7 CABLE ASSEMBLY AND REEL 7612363

- 8 CABLE ASSEMBLY AND REEL 7612364
- 9 CABLE ASSEMBLY AND REEL 9993998

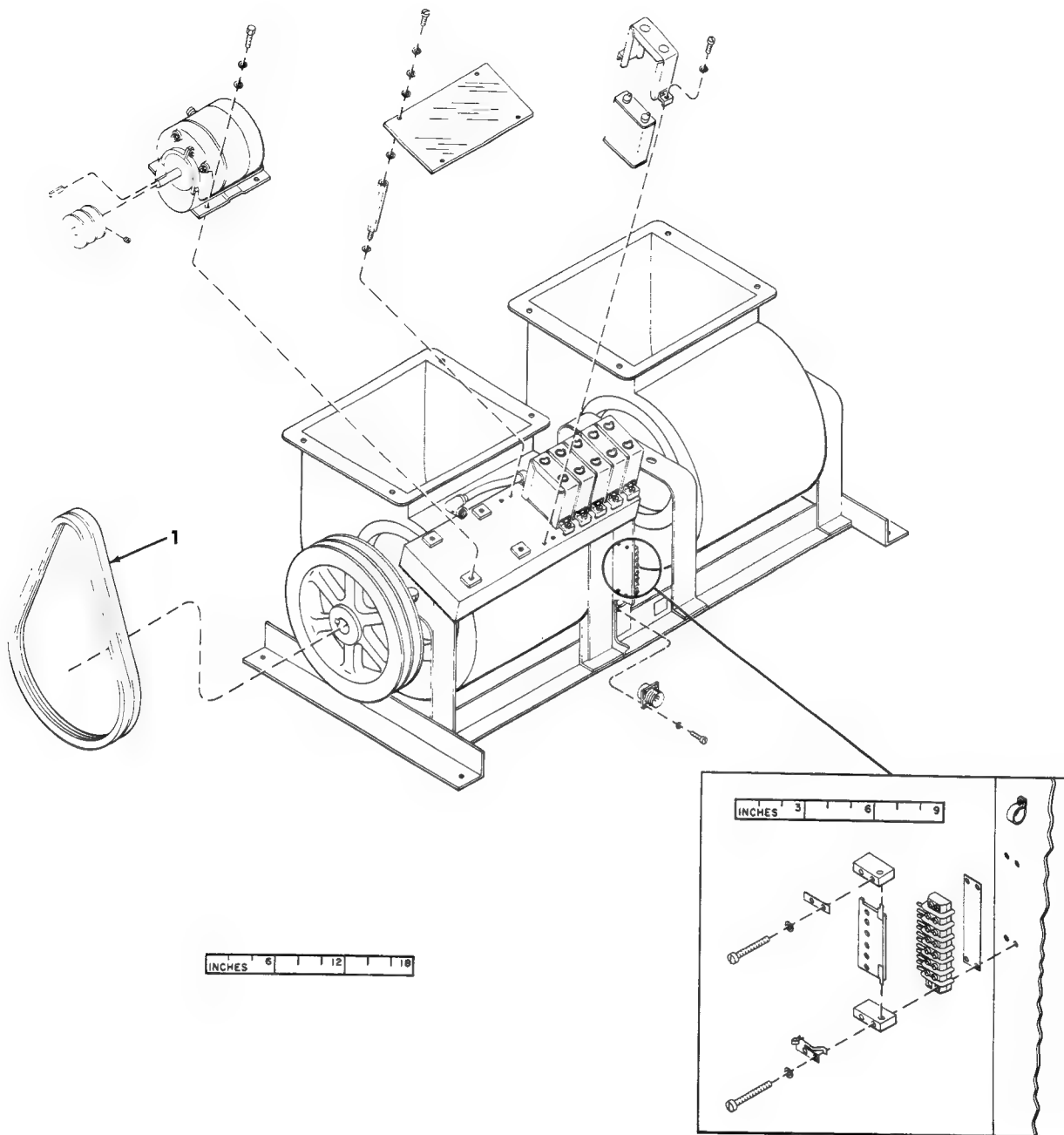
Figure 2. Tracking station group, guided missile (9143629 and 9988894)—partial exploded view



ORD G287245

1 FILTER 8175666

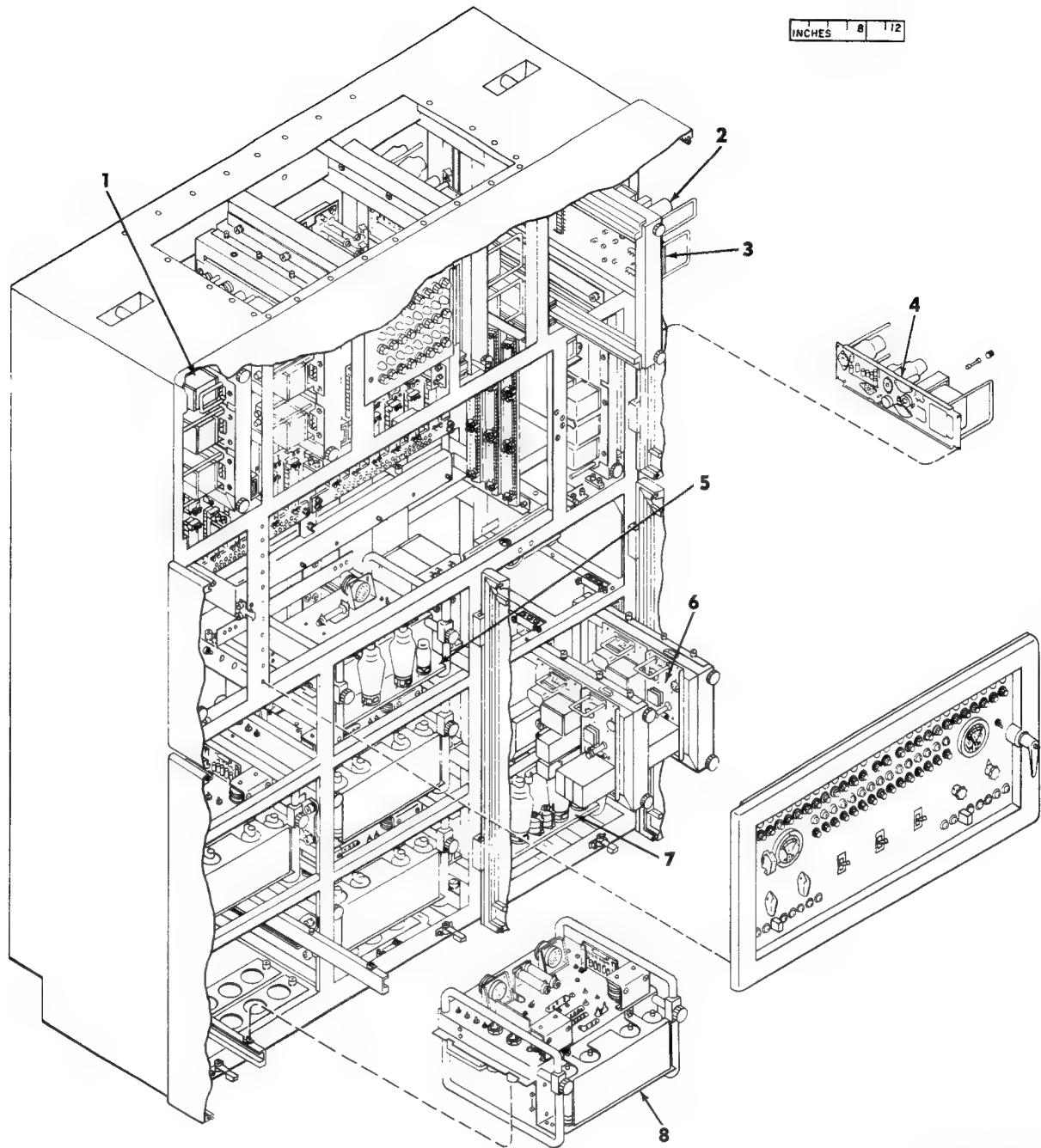
Figure 3. Tracking station group, guided missile (9143629 and 9988894)—partial exploded view



ORD G78601

1 BELT 8175553

Figure 4. Fan, centrifugal HD-167/M (8010350)—exploded view

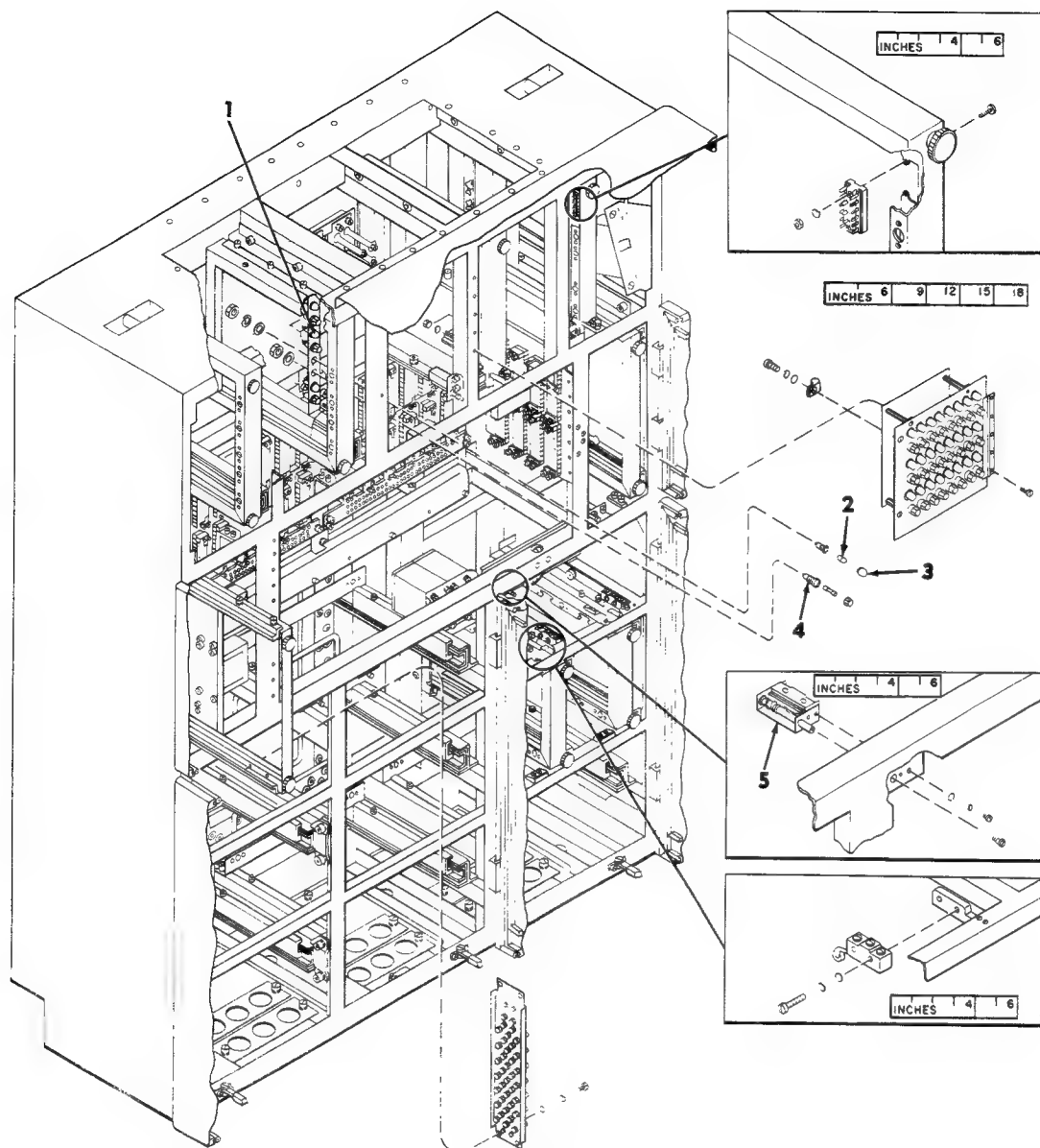


ORD G284127

- |   |                      |   |                      |
|---|----------------------|---|----------------------|
| 1 | POWER SUPPLY 9016020 | 5 | POWER SUPPLY 9986425 |
| 2 | REGULATOR 7620552    | 6 | TIMER 9154656        |
| 3 | POWER SUPPLY 9986424 | 7 | POWER SUPPLY 7621591 |
| 4 | REGULATOR 9137641    | 8 | POWER SUPPLY 9140697 |

Figure 5. Power supply (9150864)—partial exploded view

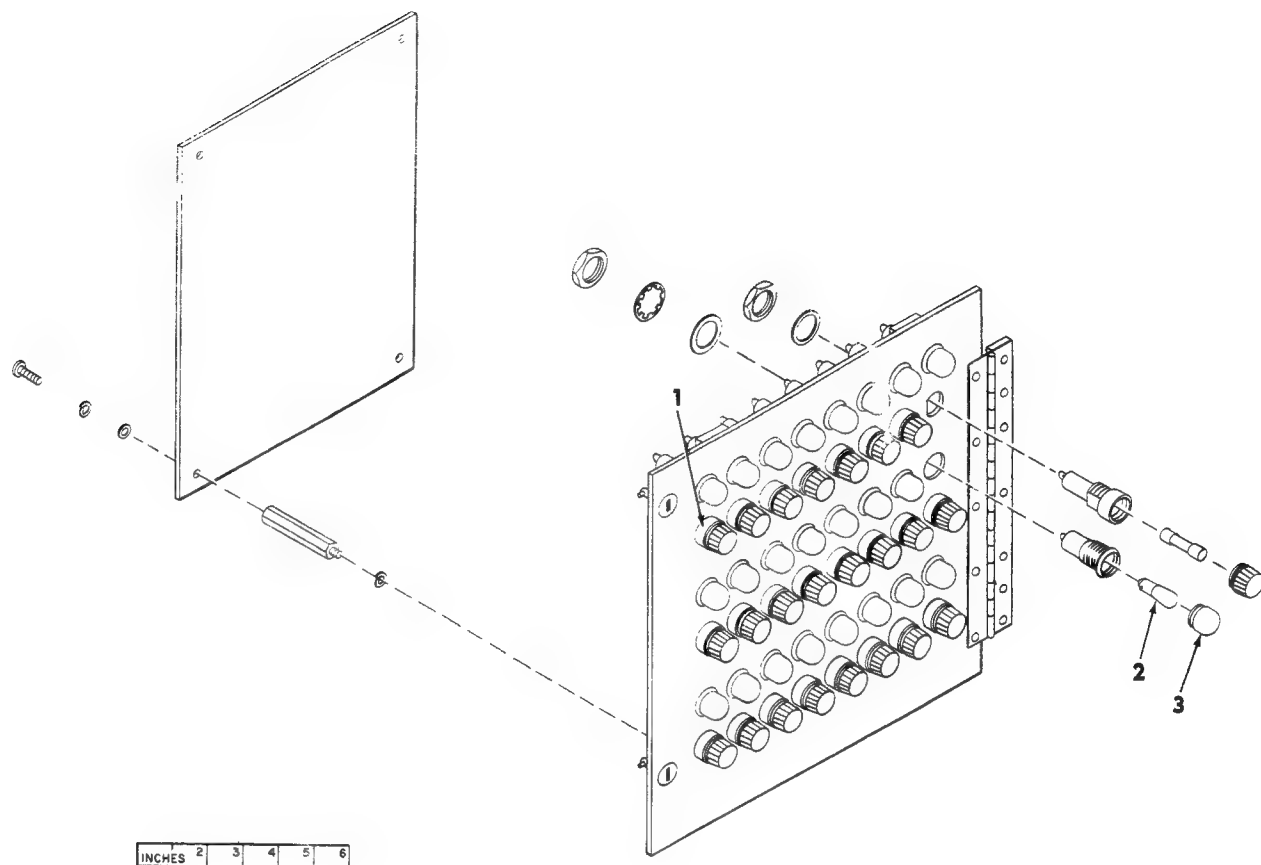




ORD G284128

- 1 LAMP MS-25231-1619
- 2 LAMP 760571E
- 3 LENS 8328096
- 4 FUSEHOLDER 9144073
- 5 SWITCH 7602749

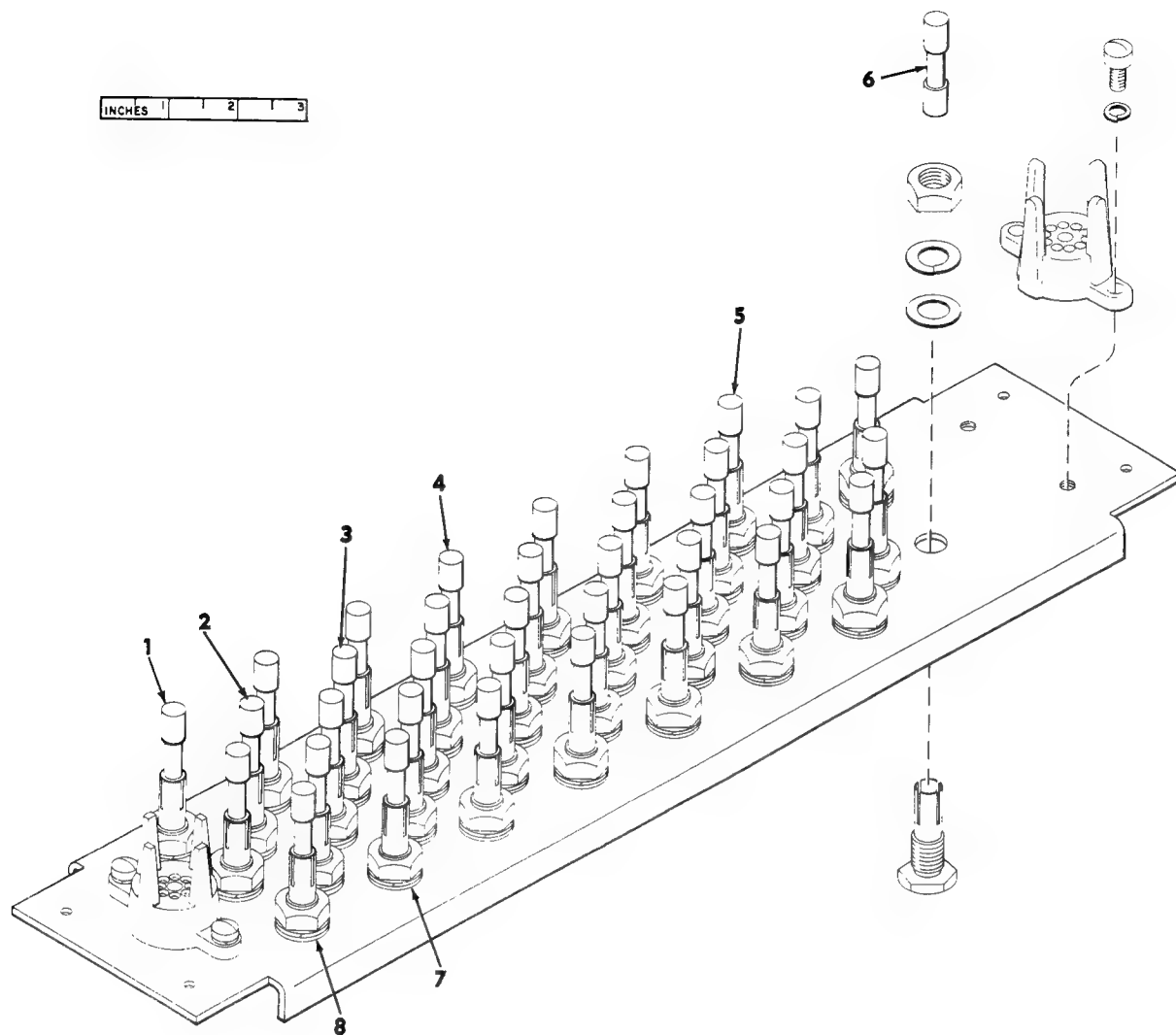
Figure 6. Power supply (9150564) - partial exploded view



ORD G284129

- 1 FUSE NAS-441-4-5
- 2 LAMP 7605718
- 3 LENS 8328096

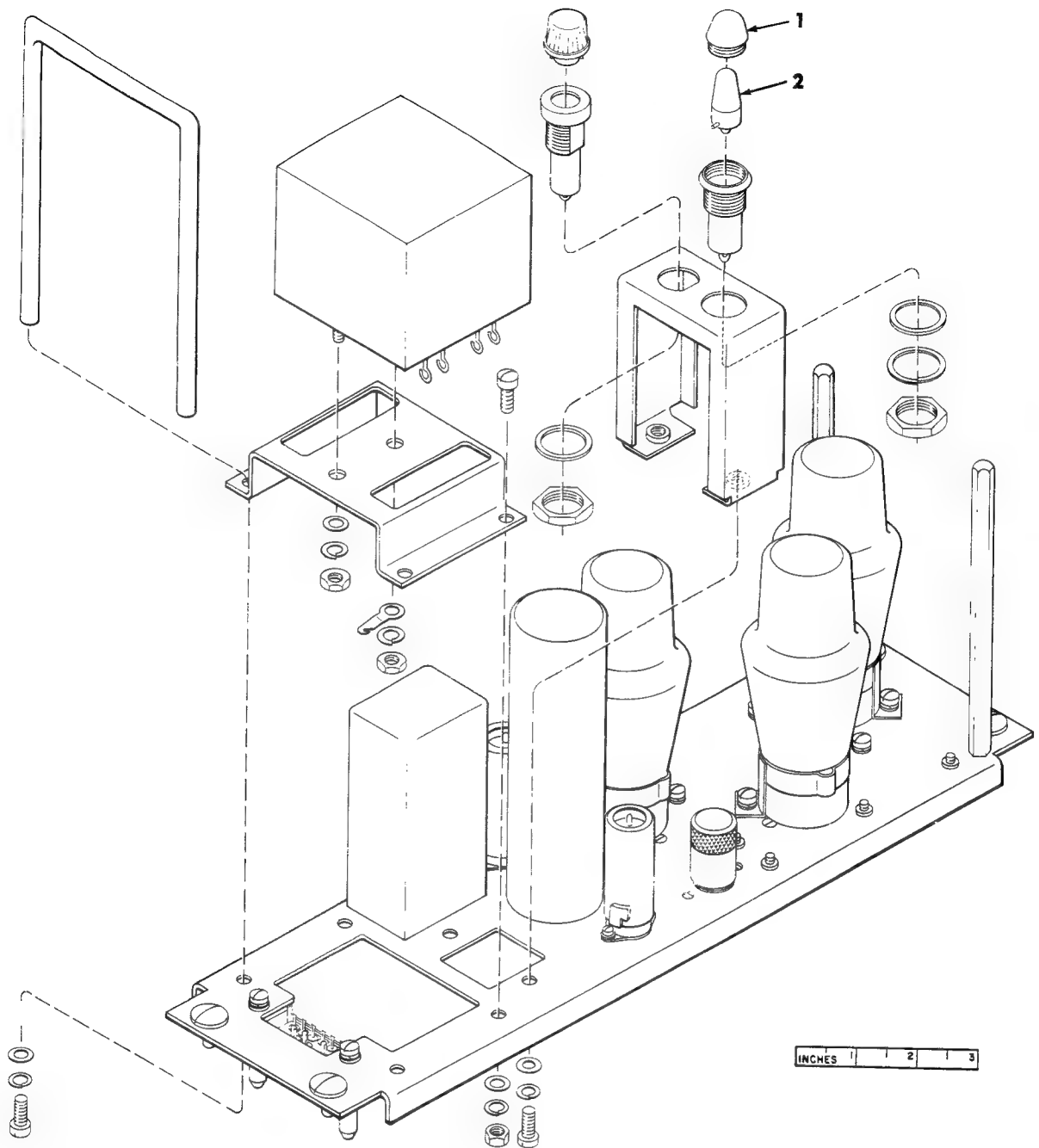
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ORD G284130

- 1 FUSE 9986952
- 2 FUSE 9150659
- 3 FUSE NAS-441-4-5
- 4 FUSE F05832B15A
- 5 FUSE 8173585
- 6 FUSE 8175384
- 7 FUSE 8034518-6
- 8 FUSE 9986952-2

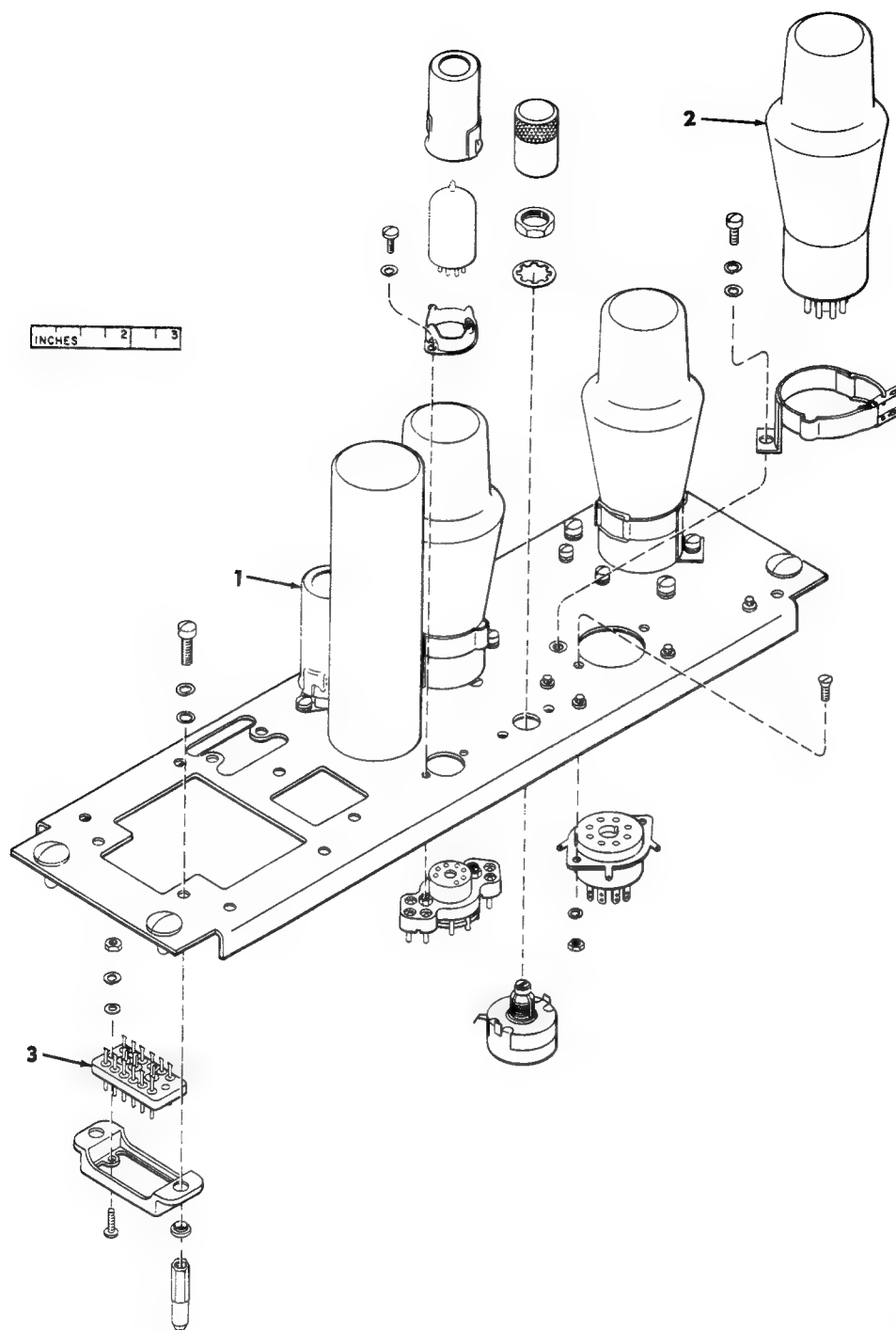
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ORD G284131

- 1 LENS 8328096
- 2 LAMP 7605718

Figure 9. Regulator, voltage CN-280/M (9137641)—partial exploded view

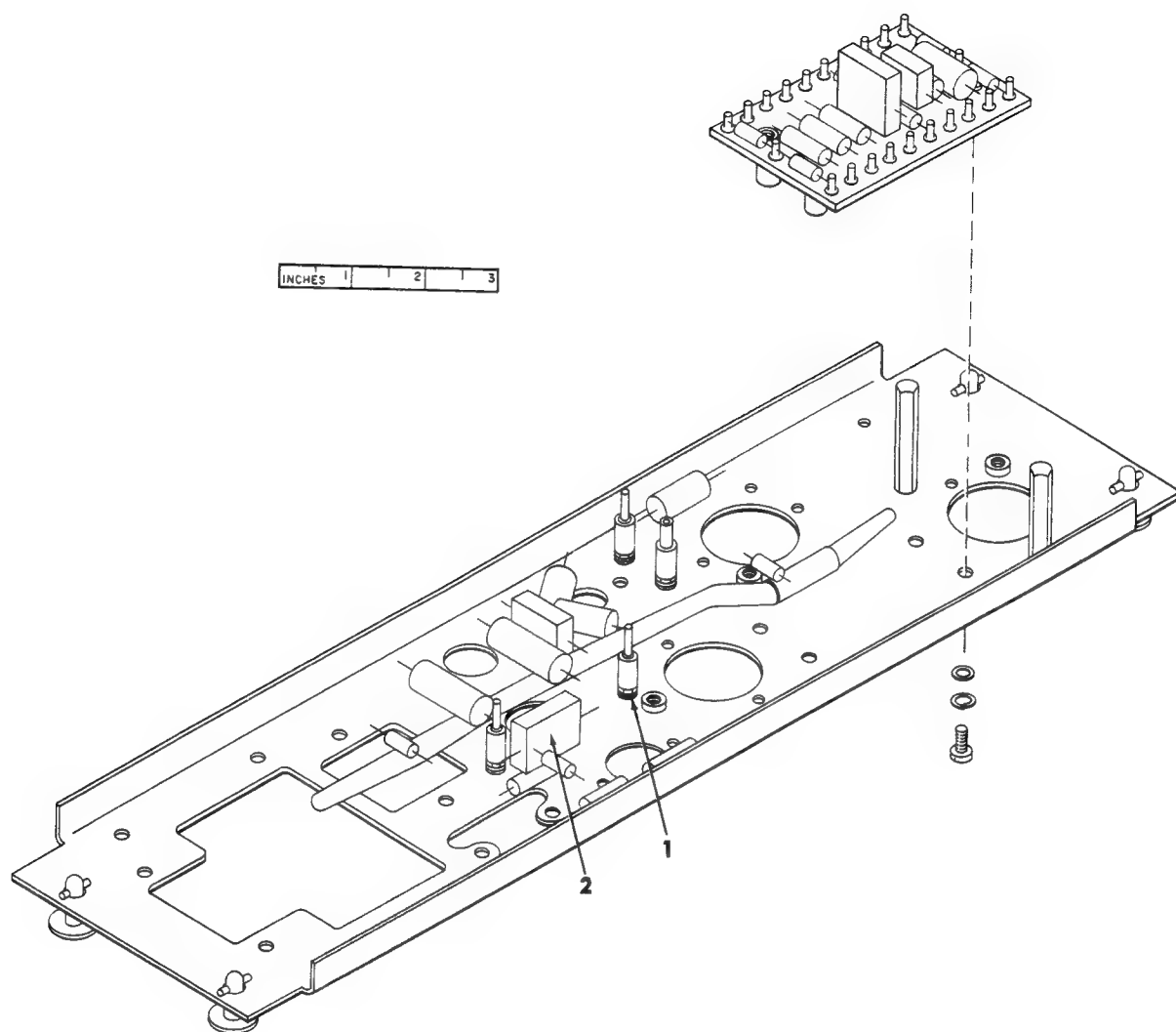


- 1 ELECTRON TUBE 5755
- 2 ELECTRON TUBE 6AS7G
- 3 CONNECTOR 7598934

ORD G259891

Figure 10. Regulator, voltage CN-280/M (9137641)—partial exploded view

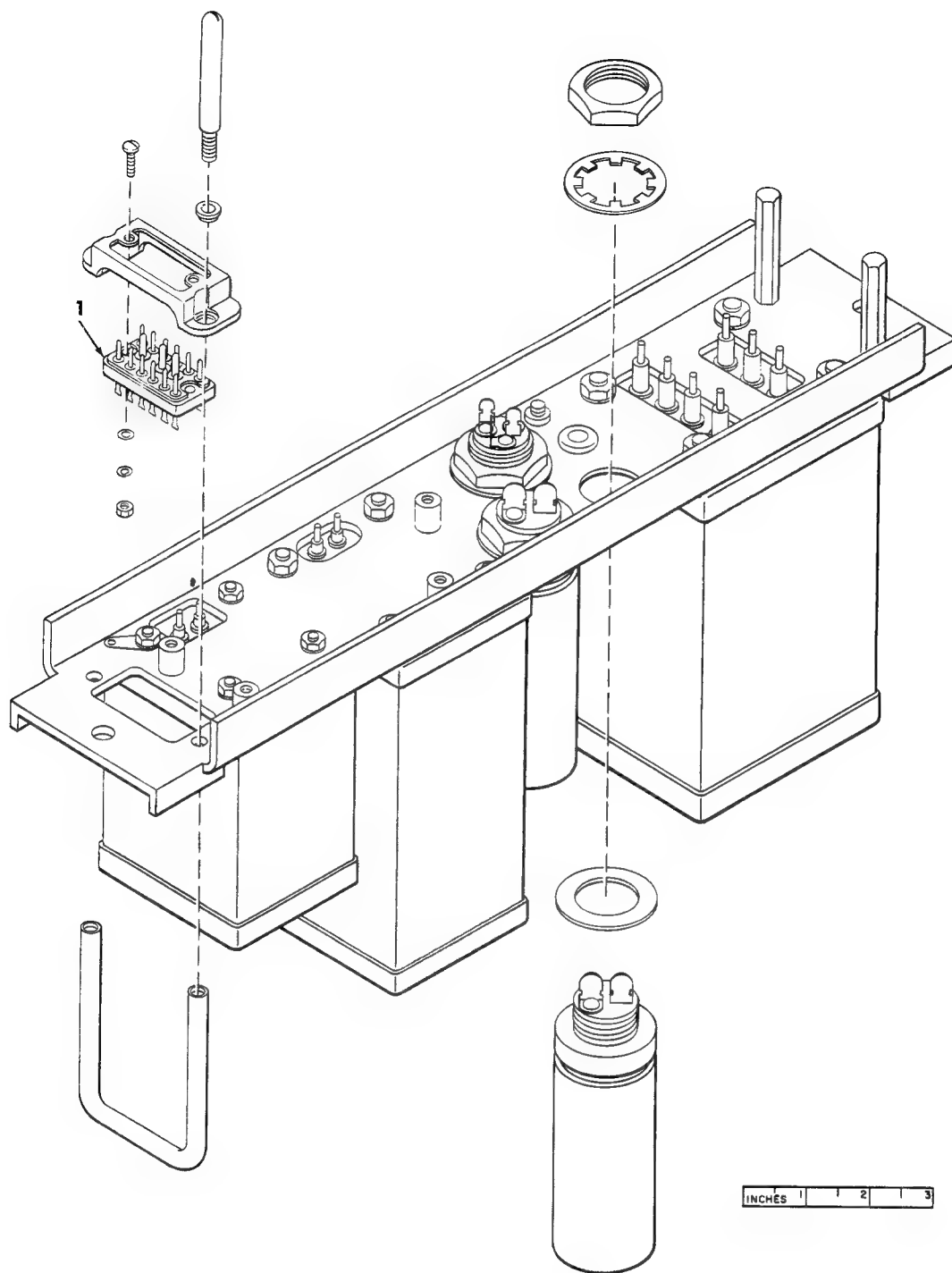




ORD G284132

- 1 TERMINAL 7598949
- 2 CAPACITOR CM35E103J

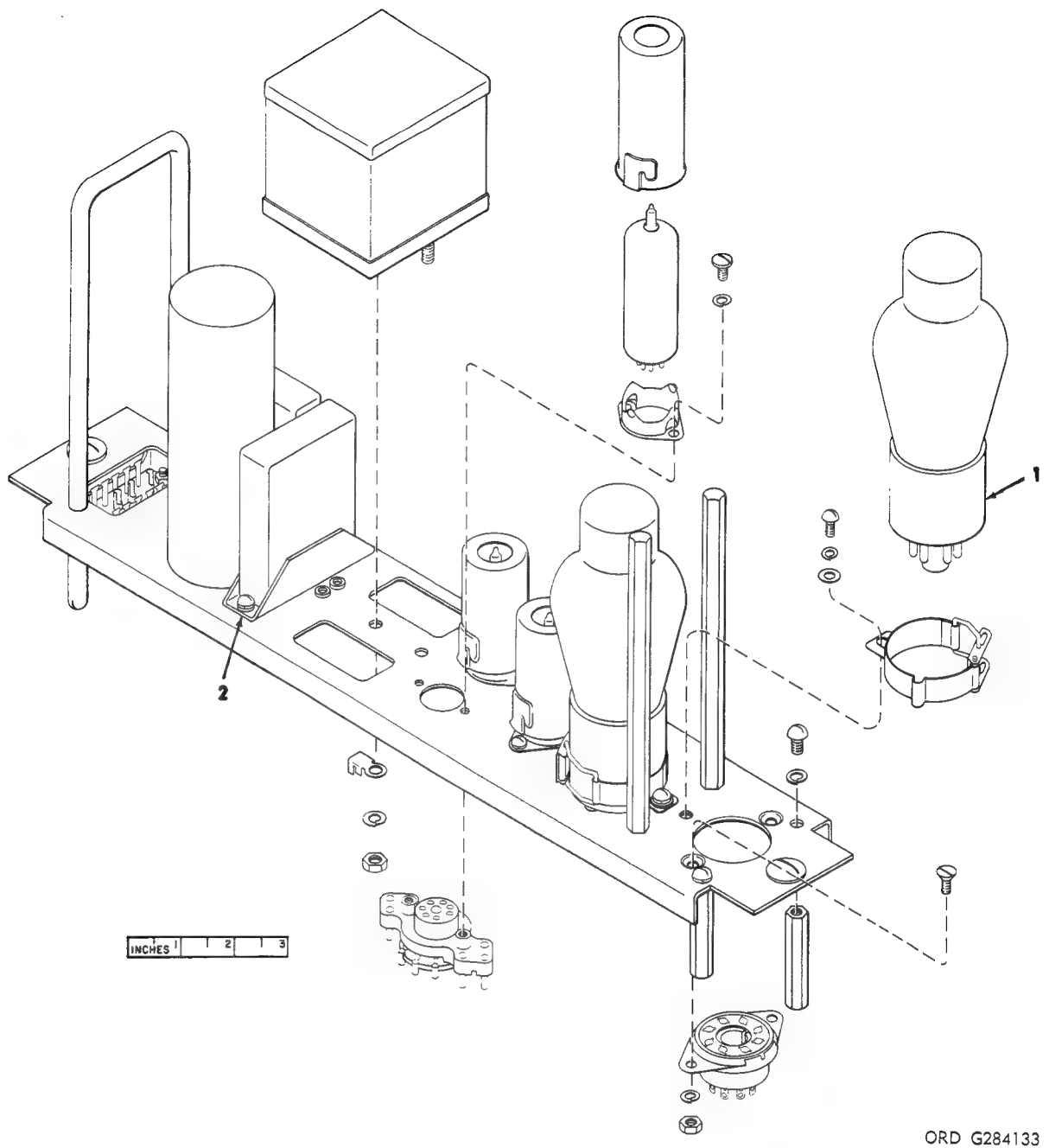
Figure 11. Regulator, voltage CN-280/M (9137641)—partial exploded view



ORD G259893

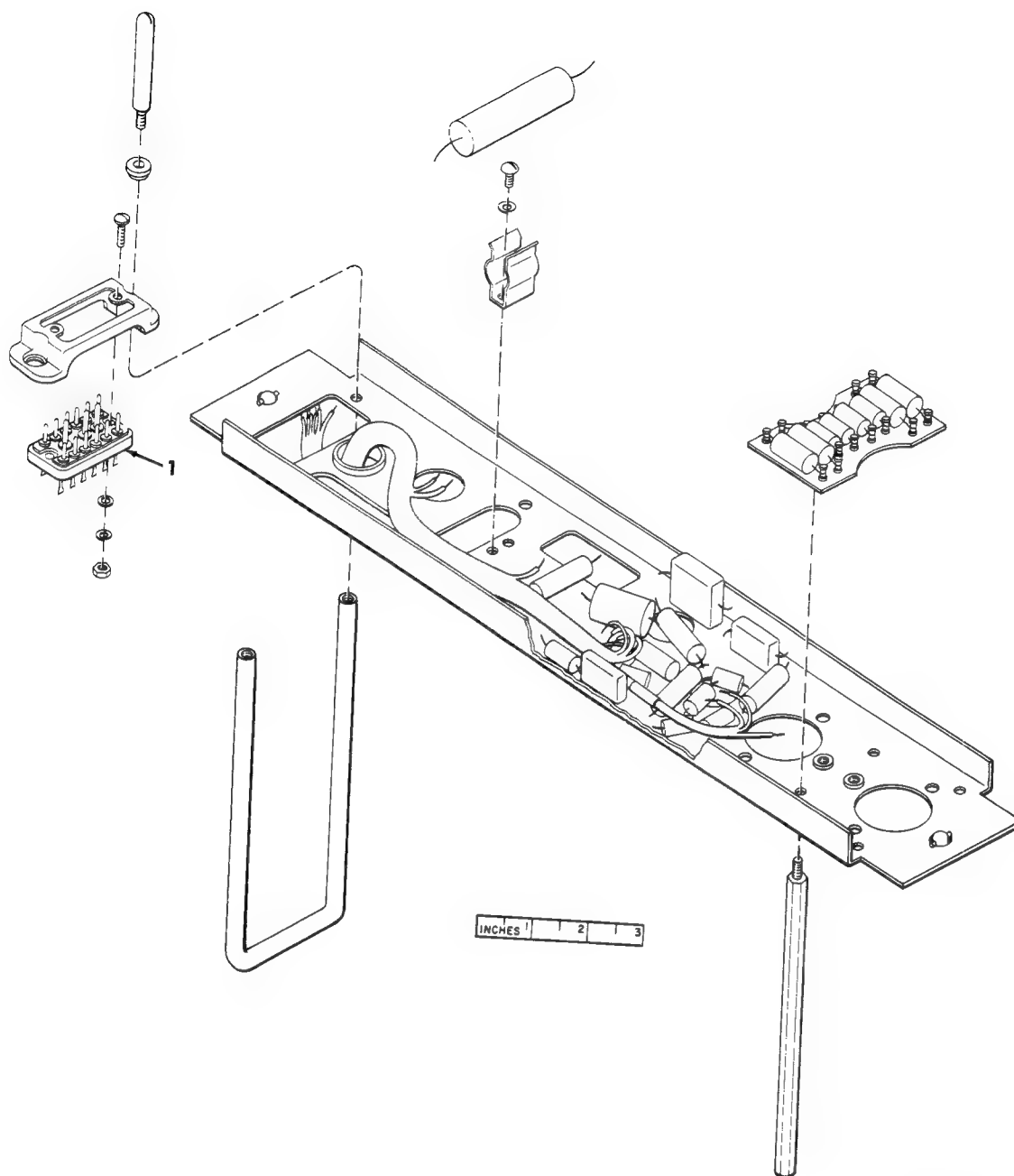
1 CONNECTOR 7598934

Figure 12. Power supply (9016020)—exploded view



- 1 ELECTRON TUBE 6AS7G
- 2 CAPACITOR CP69B1EF105K1

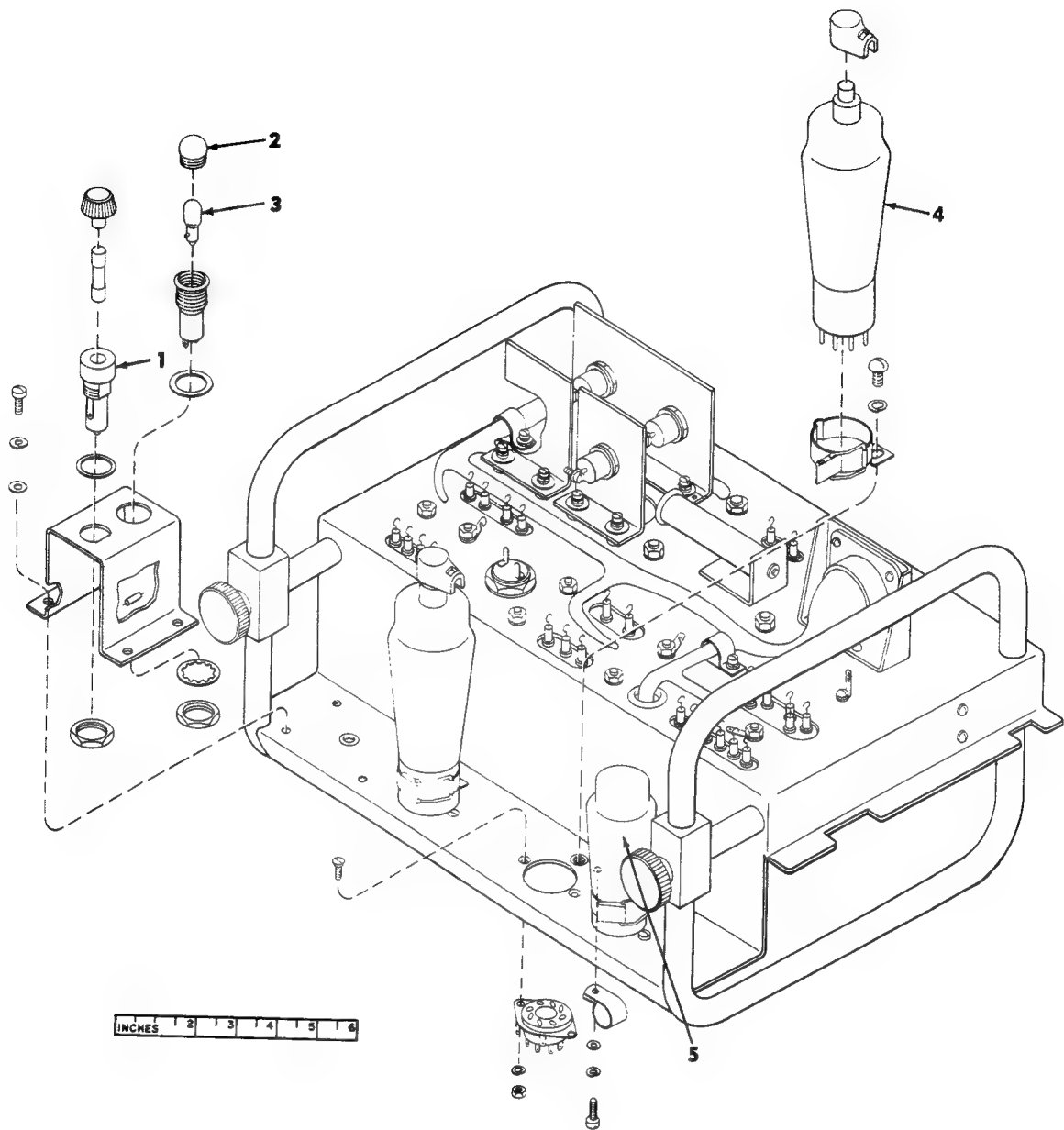
Figure 13. Regulator, voltage CN-281/M (7620552)—partial exploded view



ORD G259895

1 CONNECTOR 7598934

Figure 14. Regulator, voltage CN-281/M (7620552)—partial exploded view



ORD G284134

- 1 FUSEHOLDER 9144073
- 2 LENS 8328096
- 3 LAMP MS-25231-1819
- 4 ELECTRON TUBE 6901
- 5 ELECTRON TUBE 0A3

Figure 15. Power supply PP-1161A/M (9986425)—partial exploded view



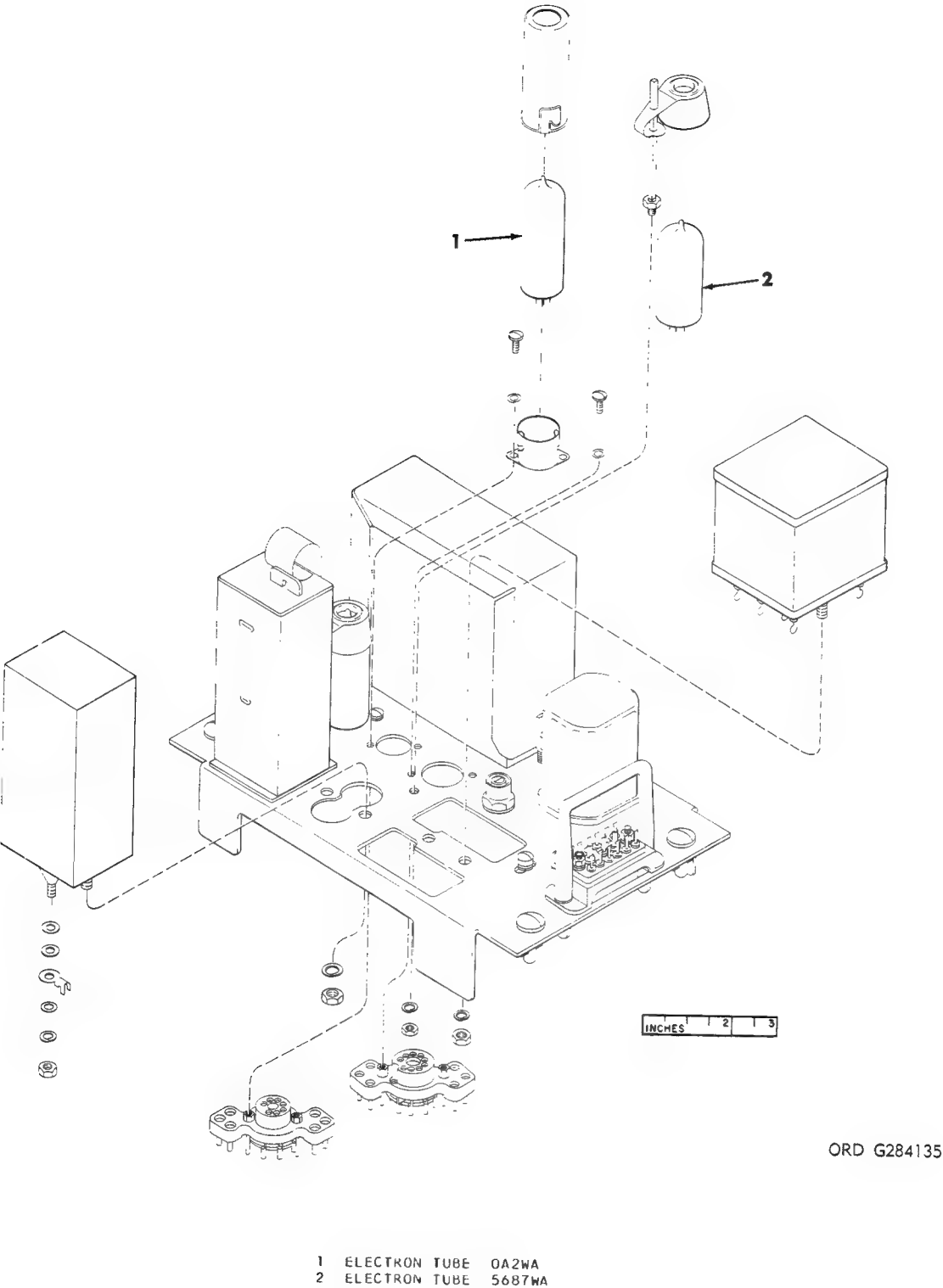
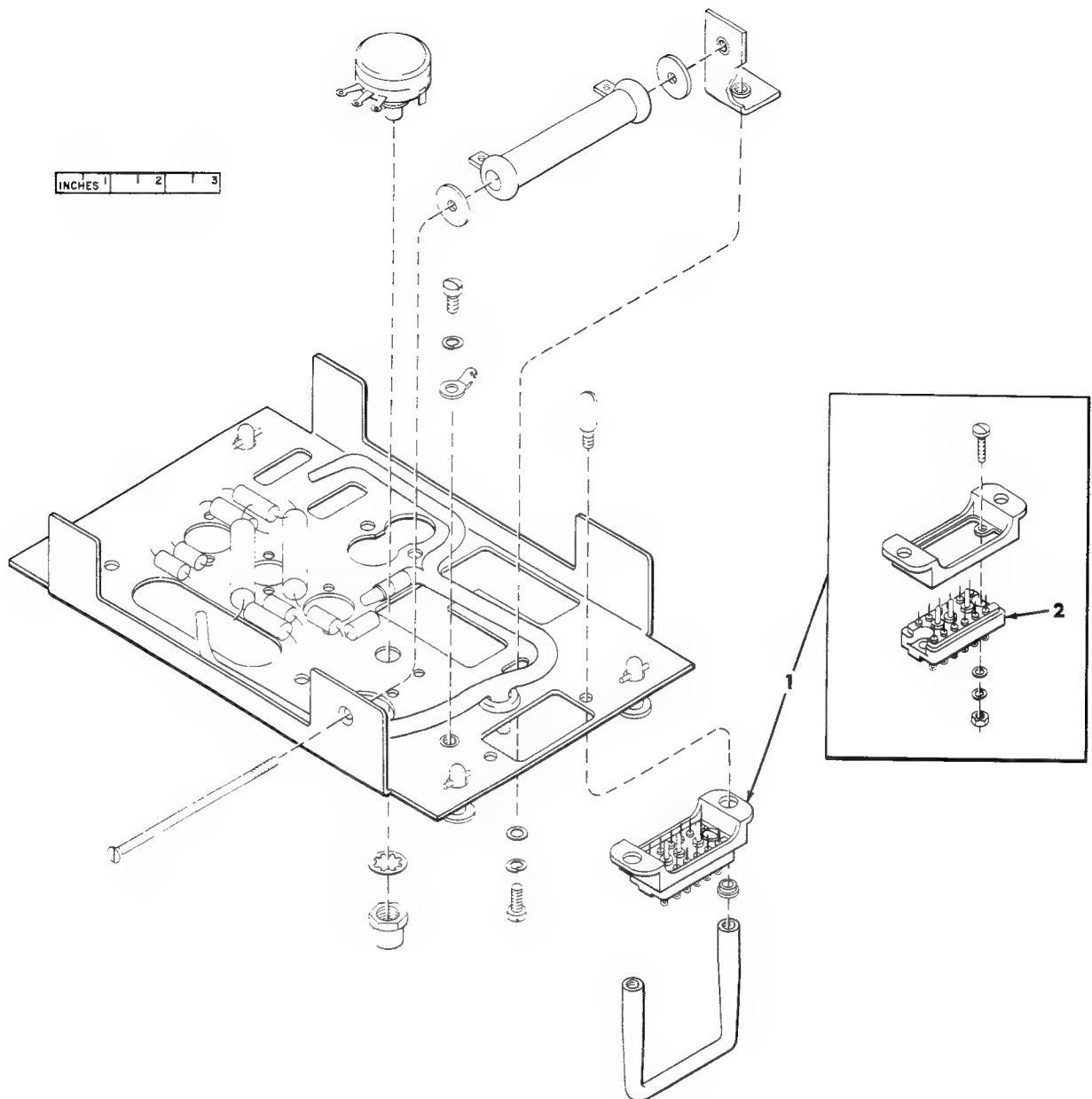


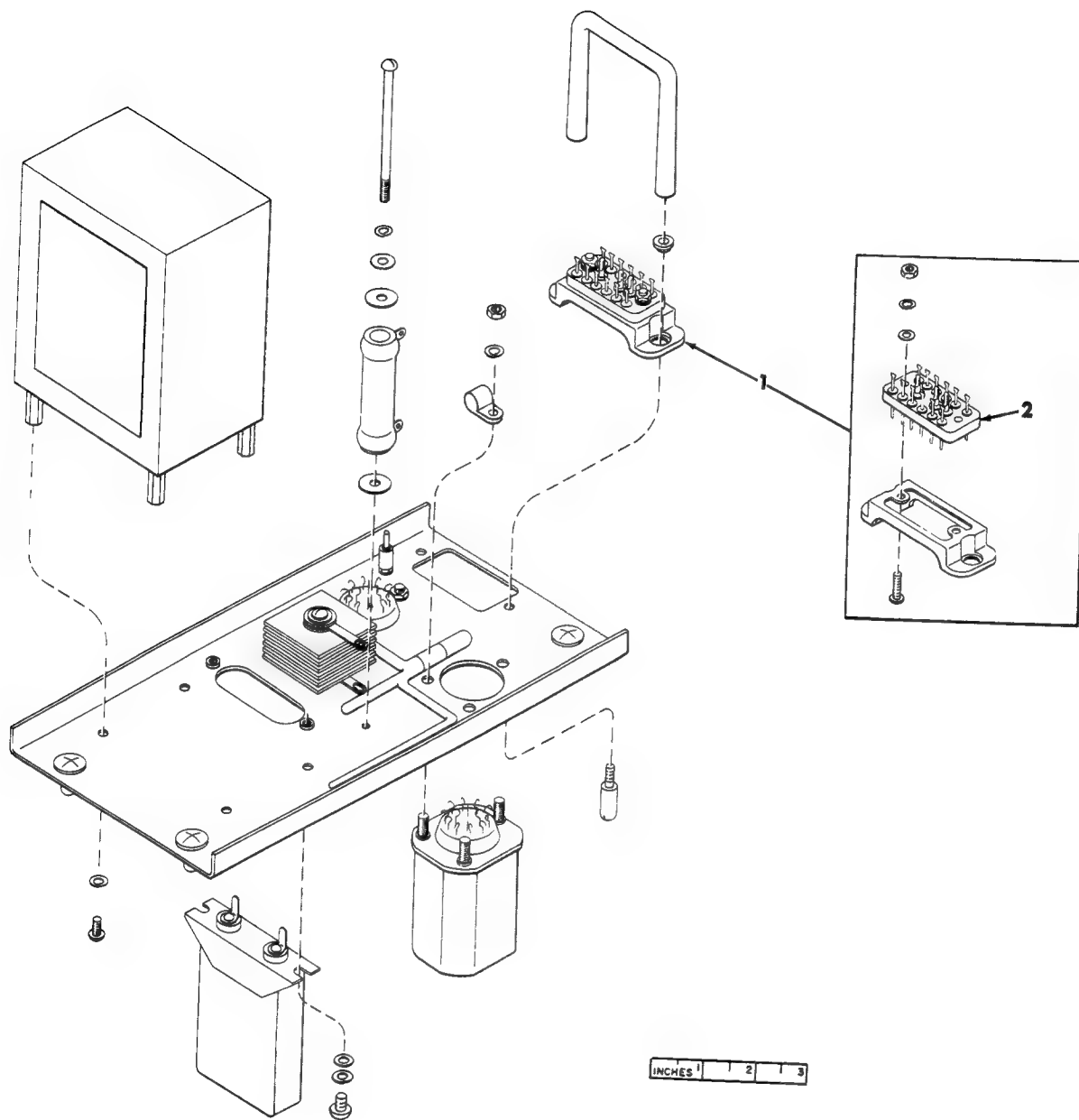
Figure 16. Timer, interval (7620519)—partial exploded view



ORD G259897

- 1 CONNECTOR 7598051
- 2 CONNECTOR 7598934

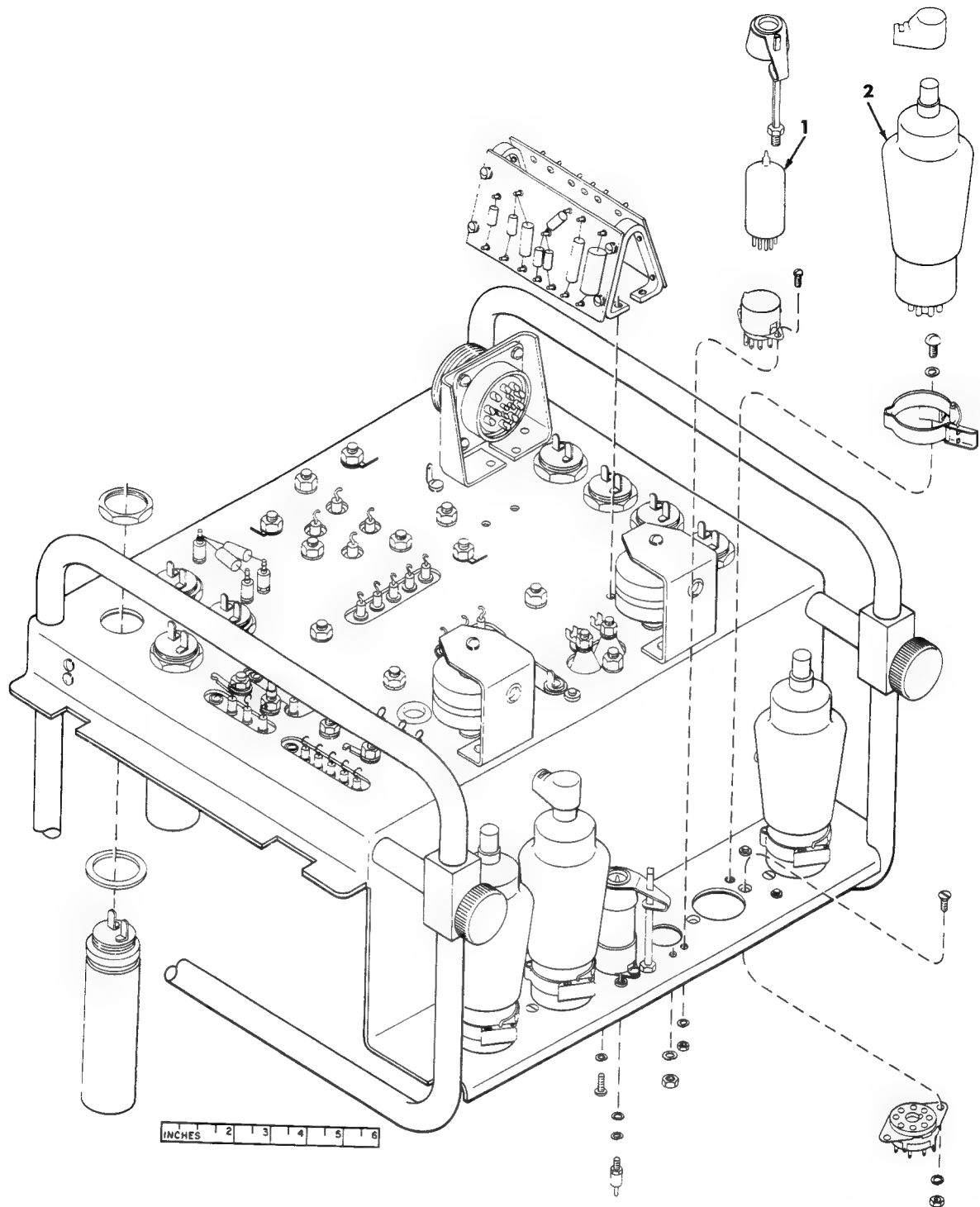
Figure 17. Timer, interval (7620519)—partial exploded view



ORD G284136

- 1 CONNECTOR 7598051
- 2 CONNECTOR 7598934

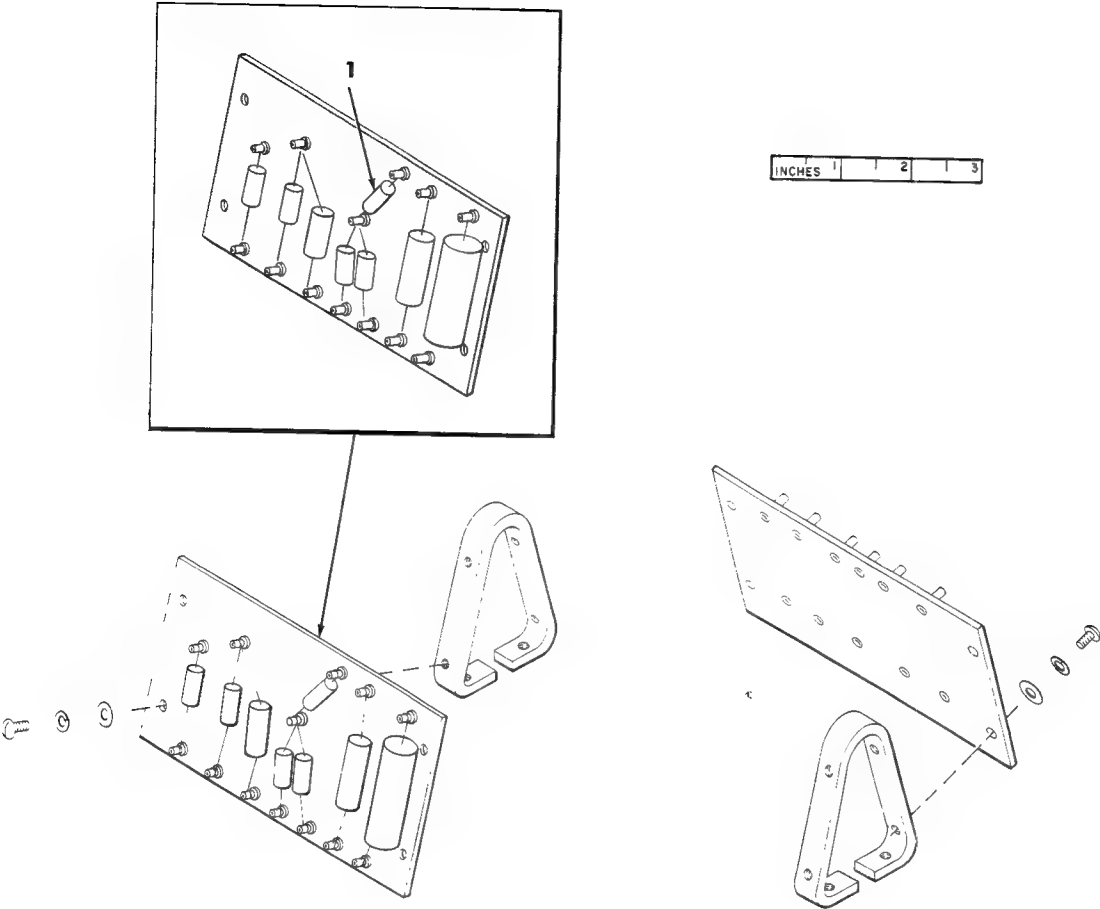
Figure 18. Timer, interval (9154656)—exploded view



ORD G284137

- 1 ELECTRON TUBE 5687WA
- 2 ELECTRON TUBE 6901

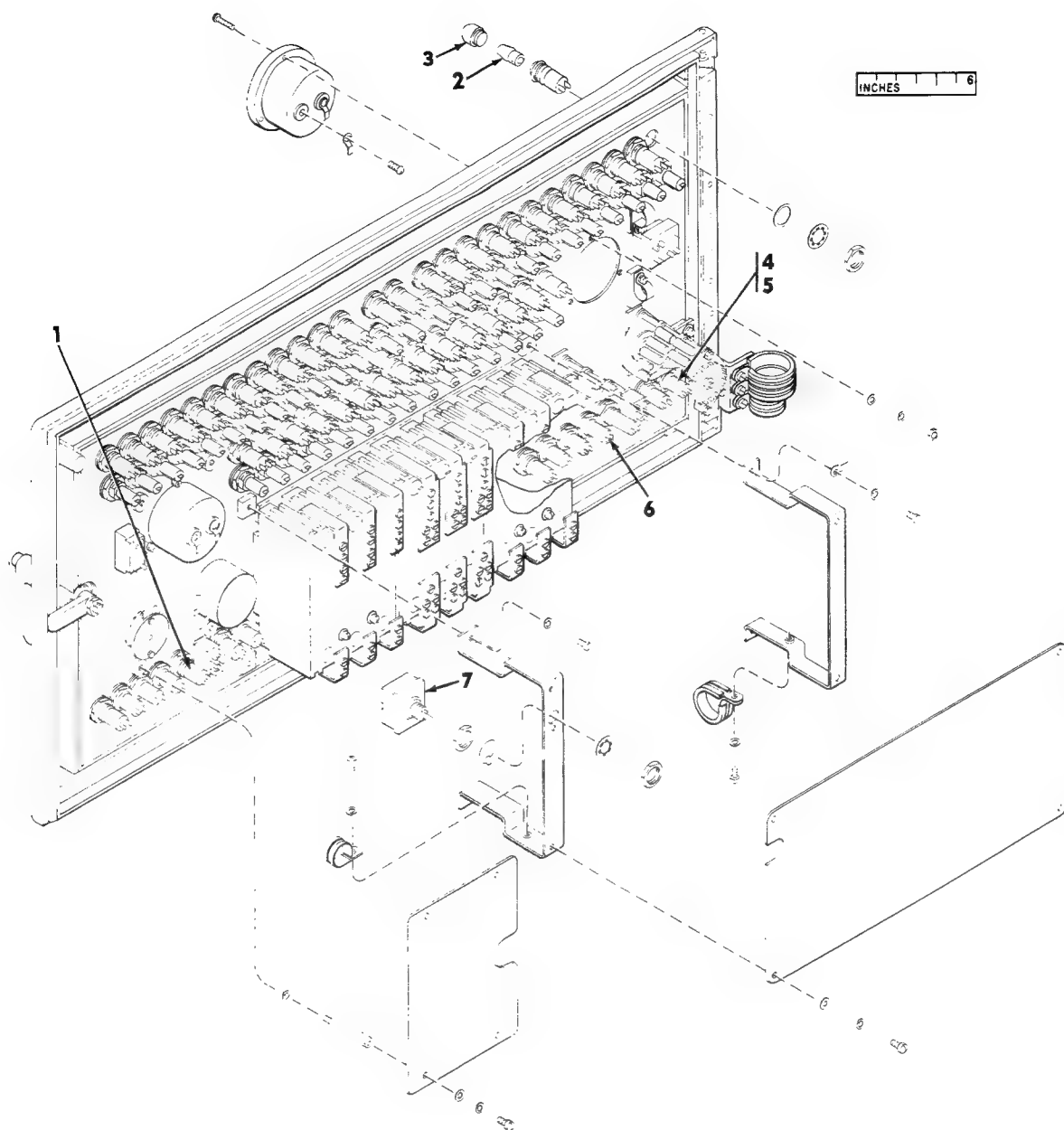
Figure 19. Power supply PP-1178/M (7621591)—exploded view



1 SEMICONDUCTOR DEVICE  
1N198

Figure 20. Resistor assembly (7614563)—exploded view

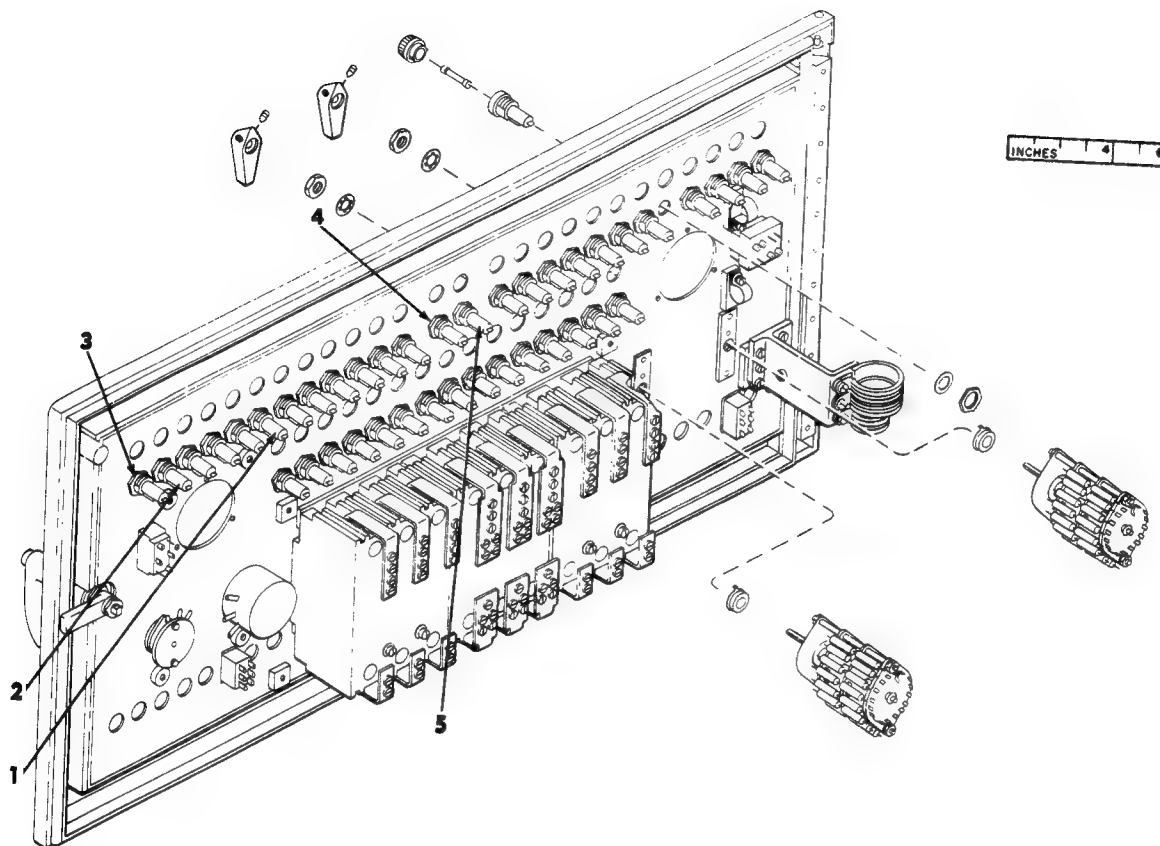
ORD G284138



ORD G284139

- 1 LENS 7600003
- 2 LAMP 7605718
- 3 LENS 8328096
- 4 LENS 7600002
- 5 LAMP MS-25231-1819
- 6 LENS 8115032
- 7 SWITCH 7599795

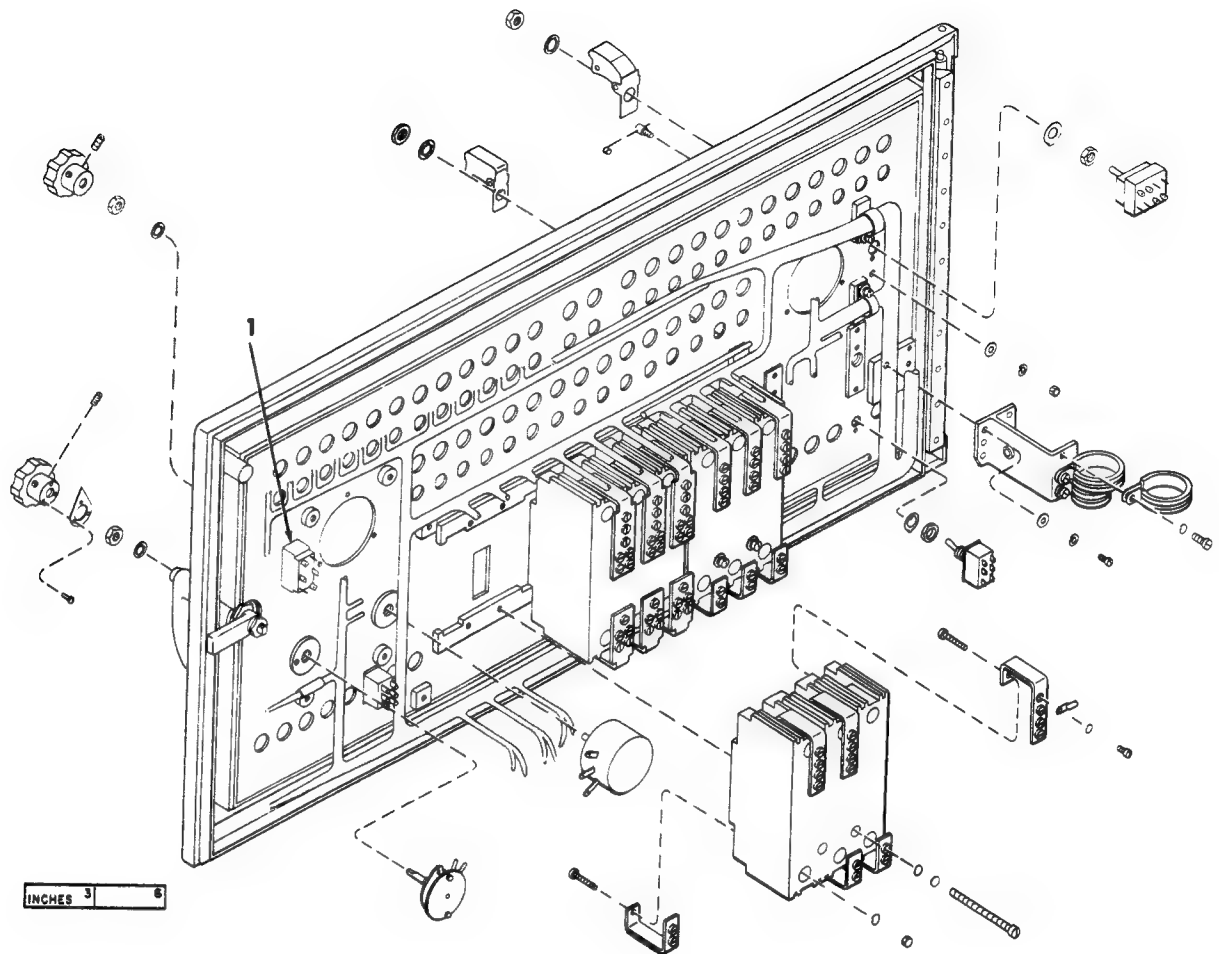
Figure 21. Control indicator (9150879)—partial exploded view



ORD G284140

- 1 FUSEHOLDER 9144073
- 2 FUSE 9150659
- 3 FUSE 8034518-5
- 4 FUSE F02A250V6A
- 5 FUSE MS-90079-27

Figure 22. Control indicator (9150879)—partial exploded view

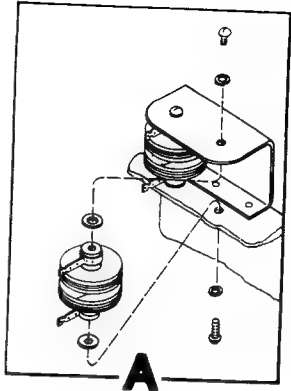
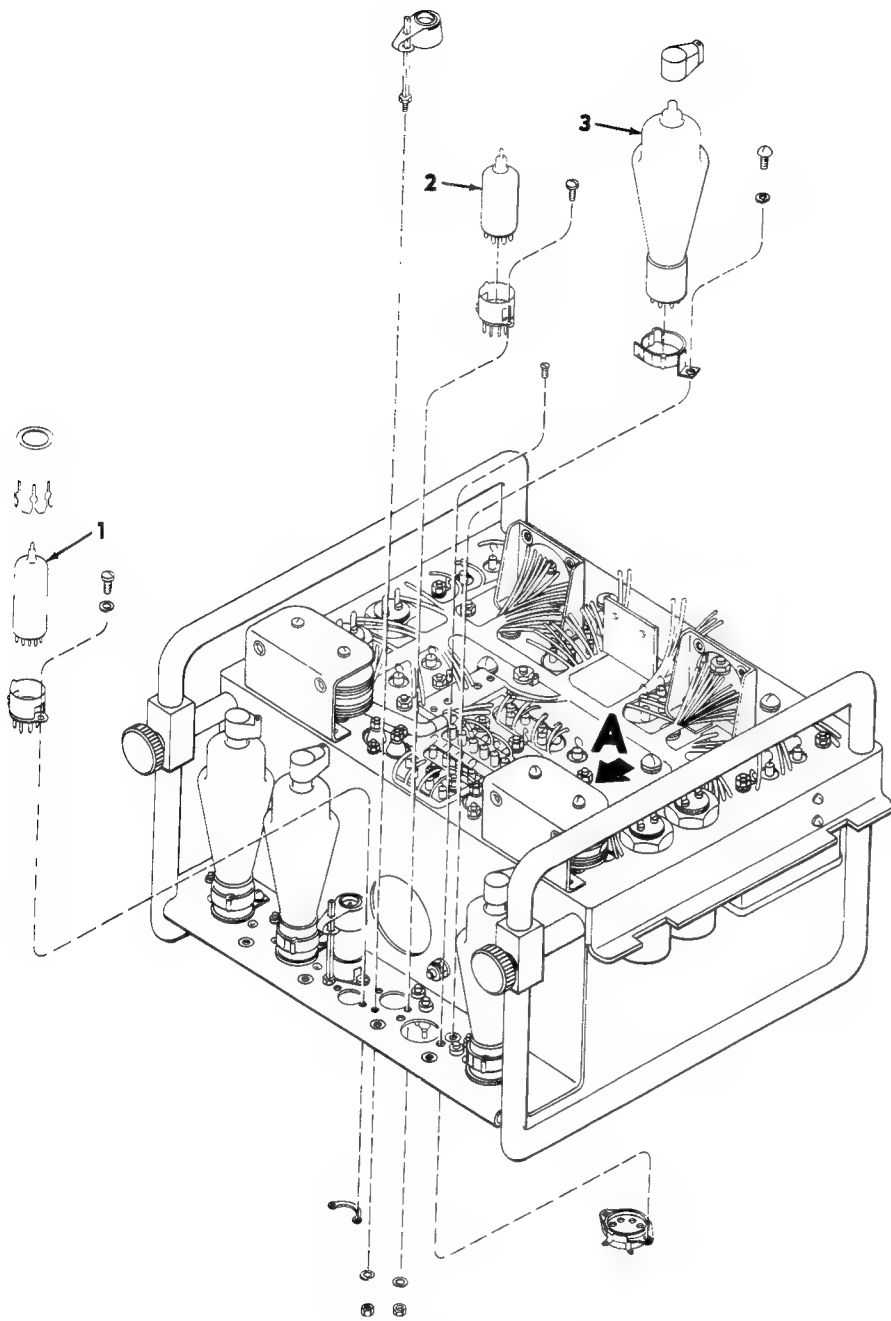


ORD G284141

1 SWITCH MS-35059-26

Figure 23. Control indicator (9150879)—partial exploded view

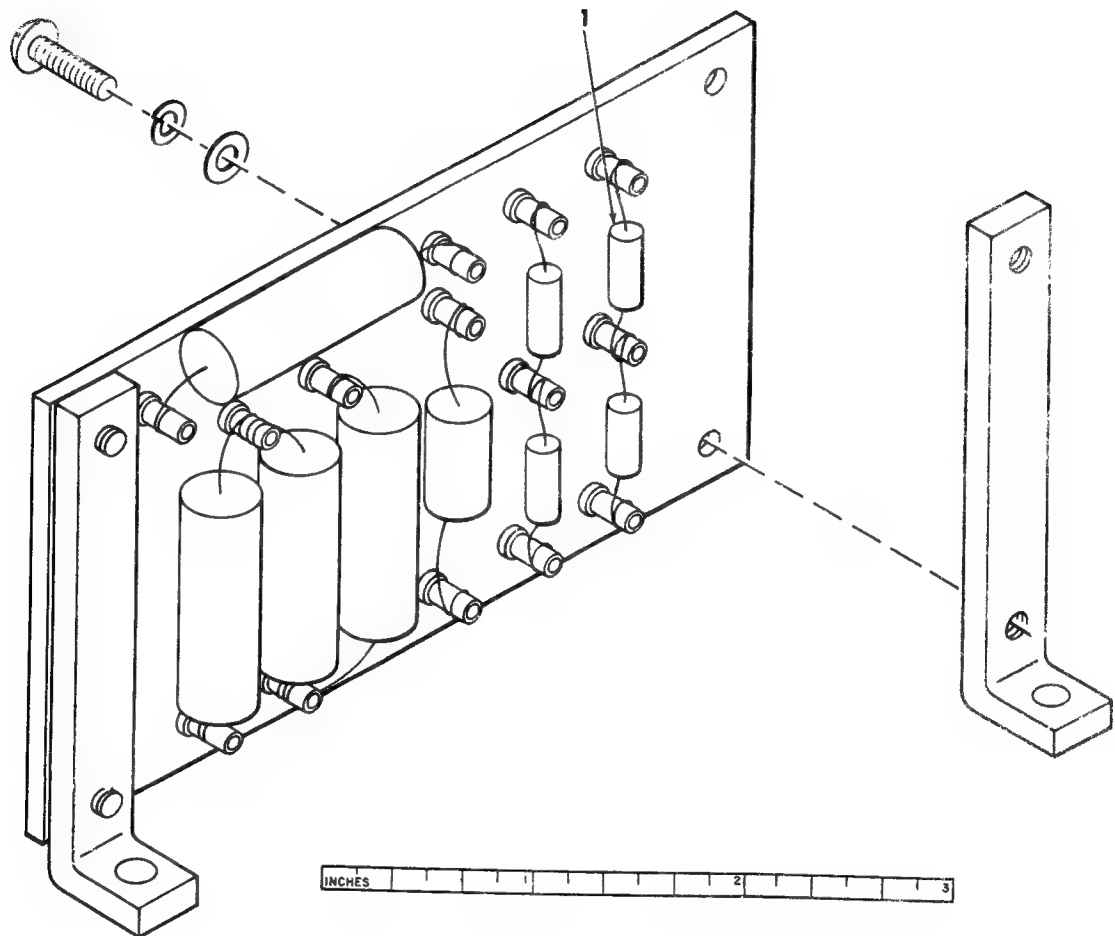




- 1 ELECTRON TUBE OA2WA
- 2 ELECTRON TUBE 5687WA
- 3 ELECTRON TUBE 6901

ORD G284142

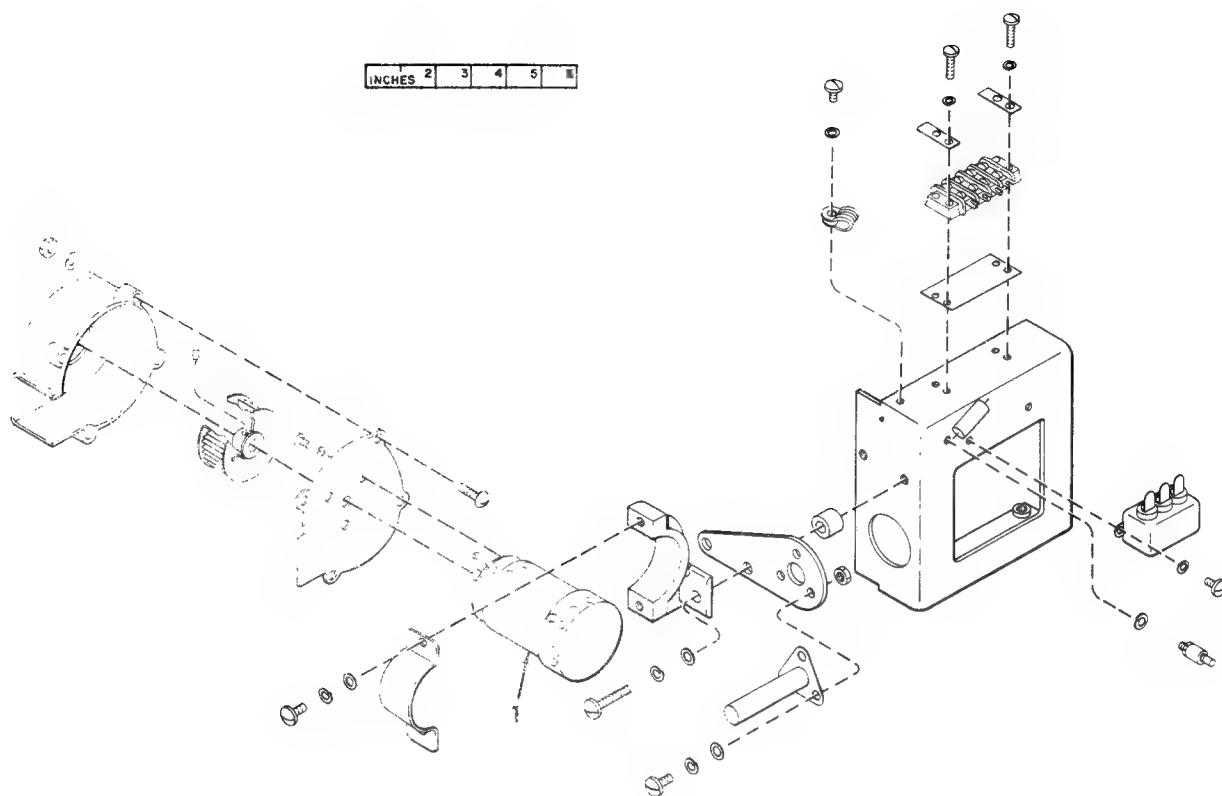
Figure 24. Power supply PP-1160B/M (9140697)—exploded view



ORD G284143

1 SEMICONDUCTOR DEVICE  
9007519

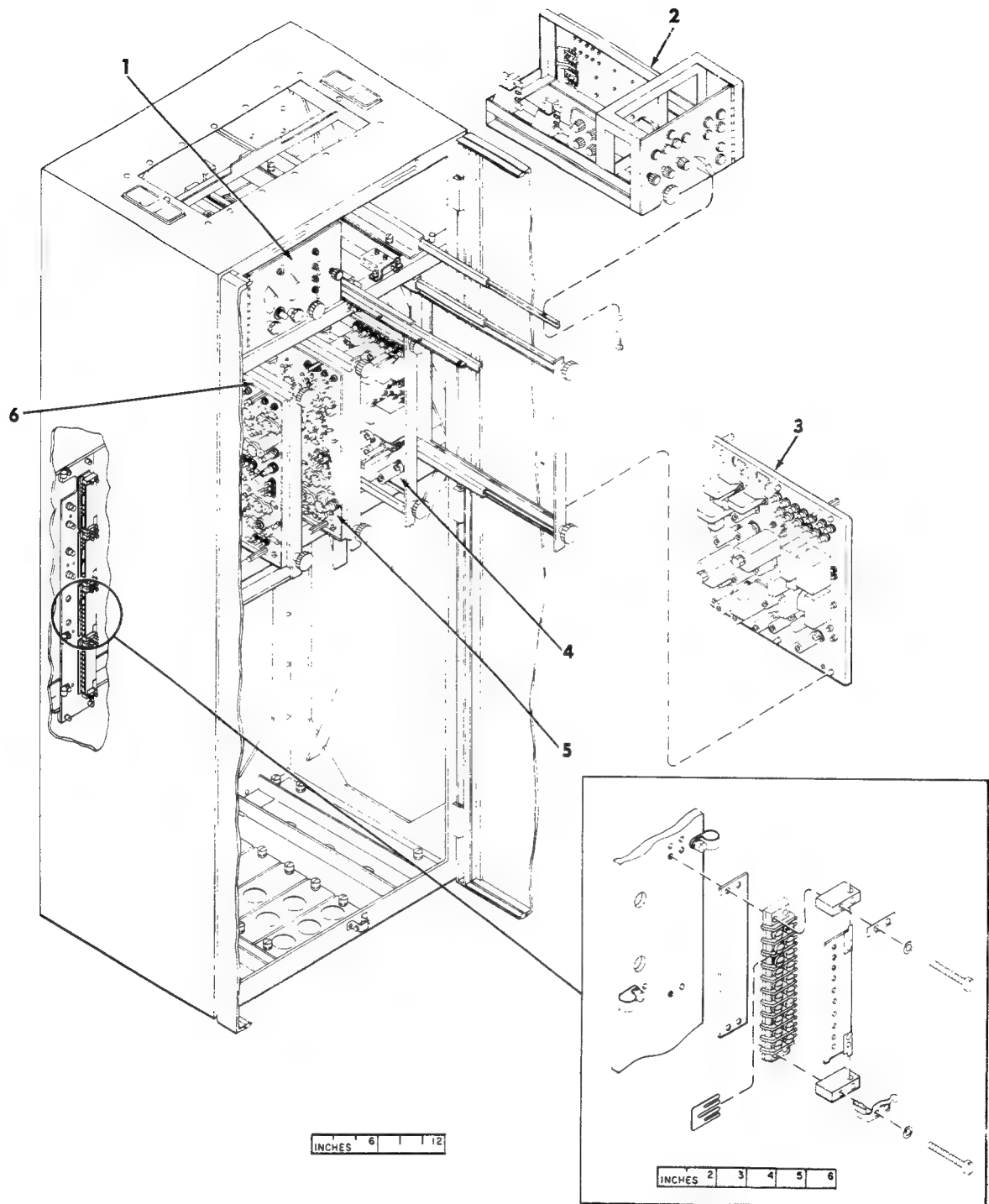
Figure 25. Resistor assembly (9005513)—exploded view



ORD G263371

1 MOTOR 7597786

Figure 26. Blower (9140816)—exploded view



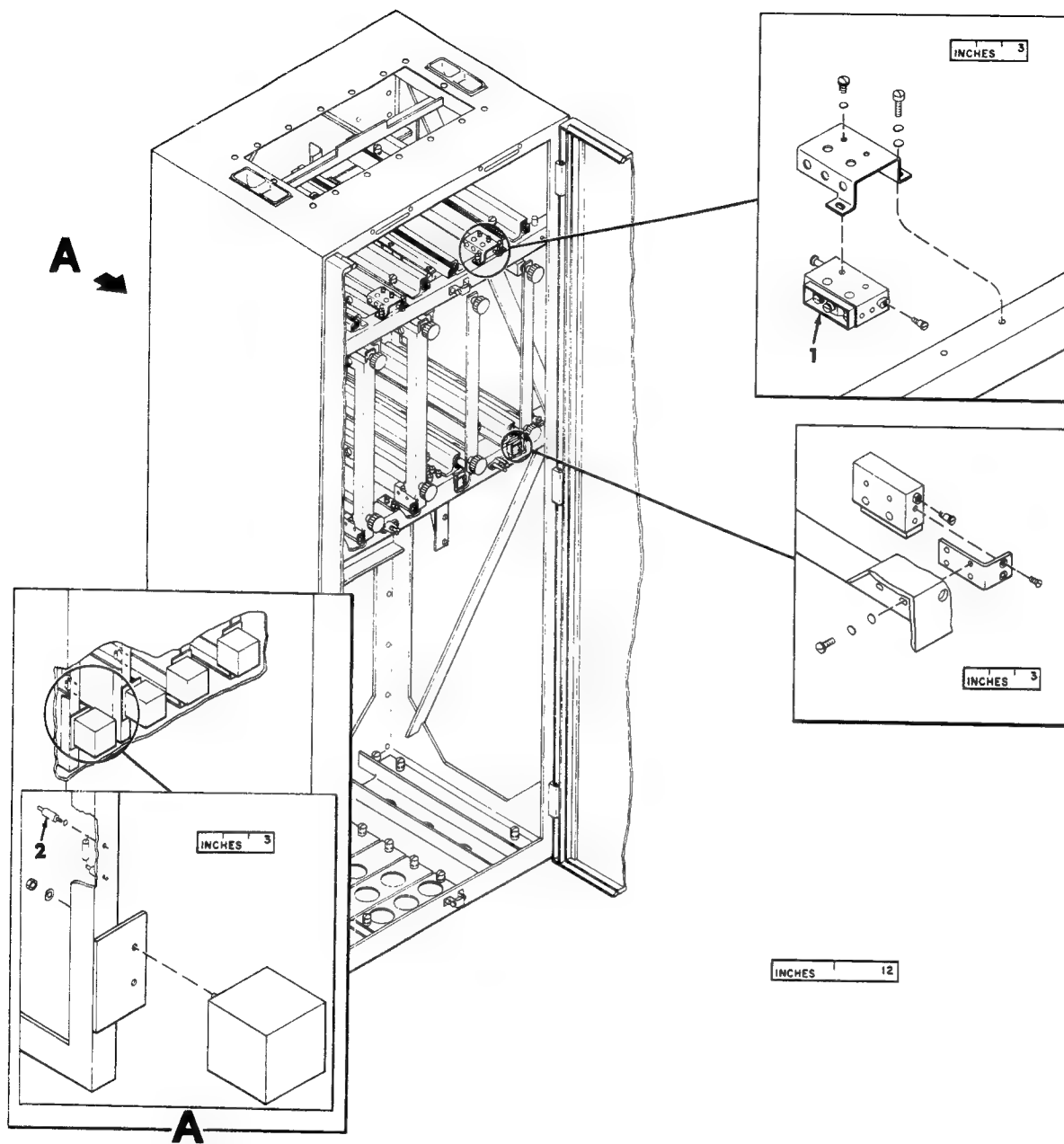
ORD G263372

1 PANEL 8159350  
2 CONTROL-INDICATOR 9140083

3 SYNCHRONIZER 9983715  
4 CODER 8159347

5 CODER 8159349  
6 GENERATOR 8159246

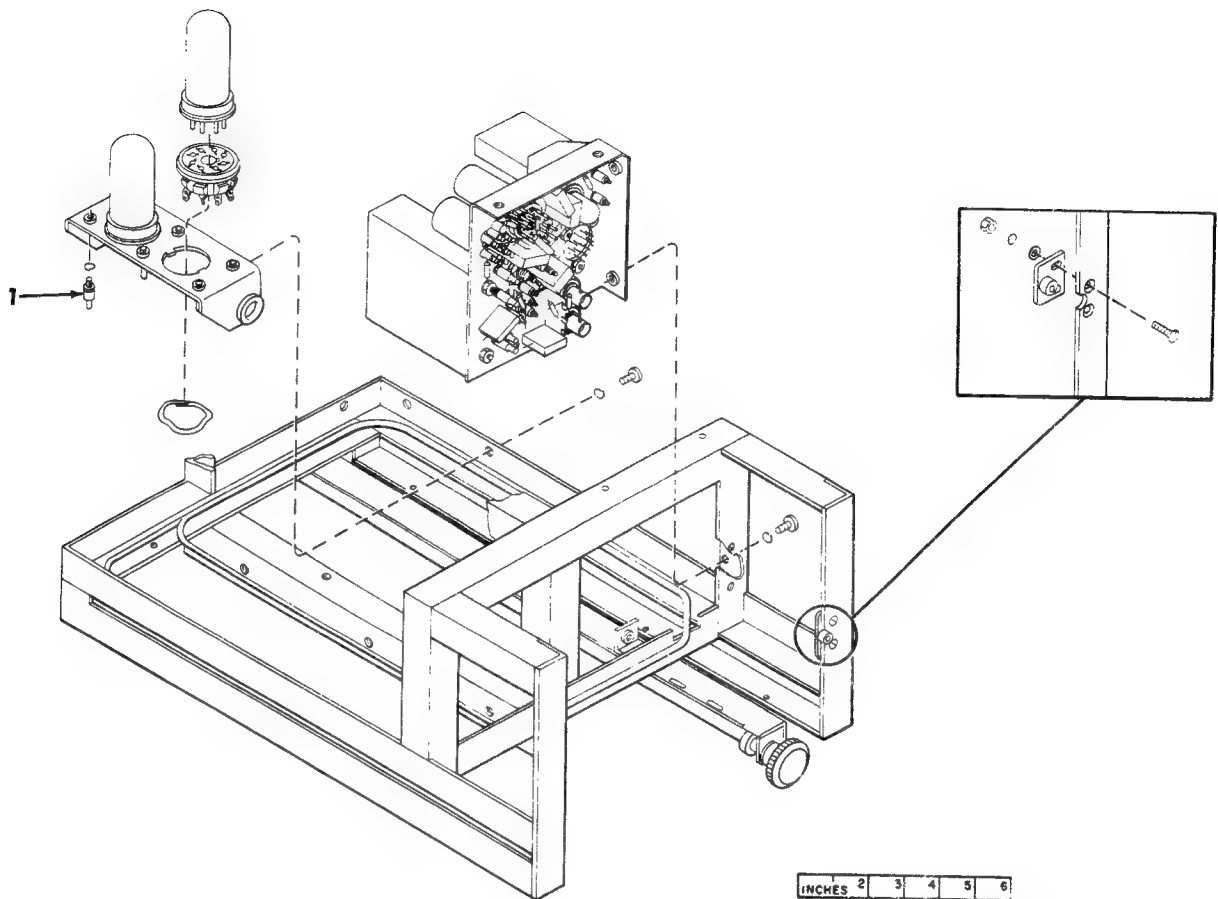
Figure 27. Coder set, radar KY-229/MPA (8512239)—partial exploded view



ORD G284144

- 1 SWITCH 7602749
- 2 TERMINAL 7598949

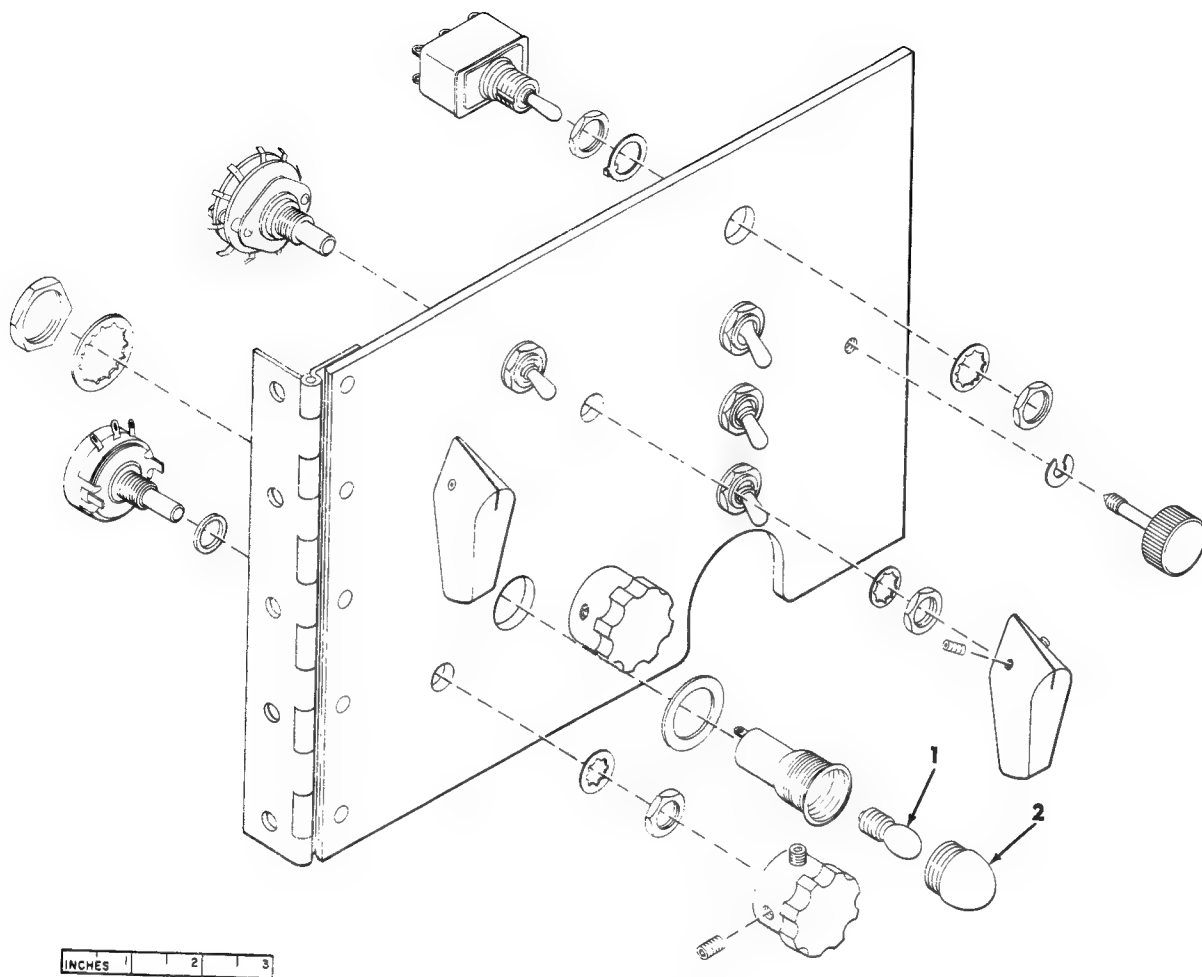
Figure 28. Coder set, radar KY-229/MPA (8512239)—partial exploded view



ORD G259905

1 TERMINAL 7598949

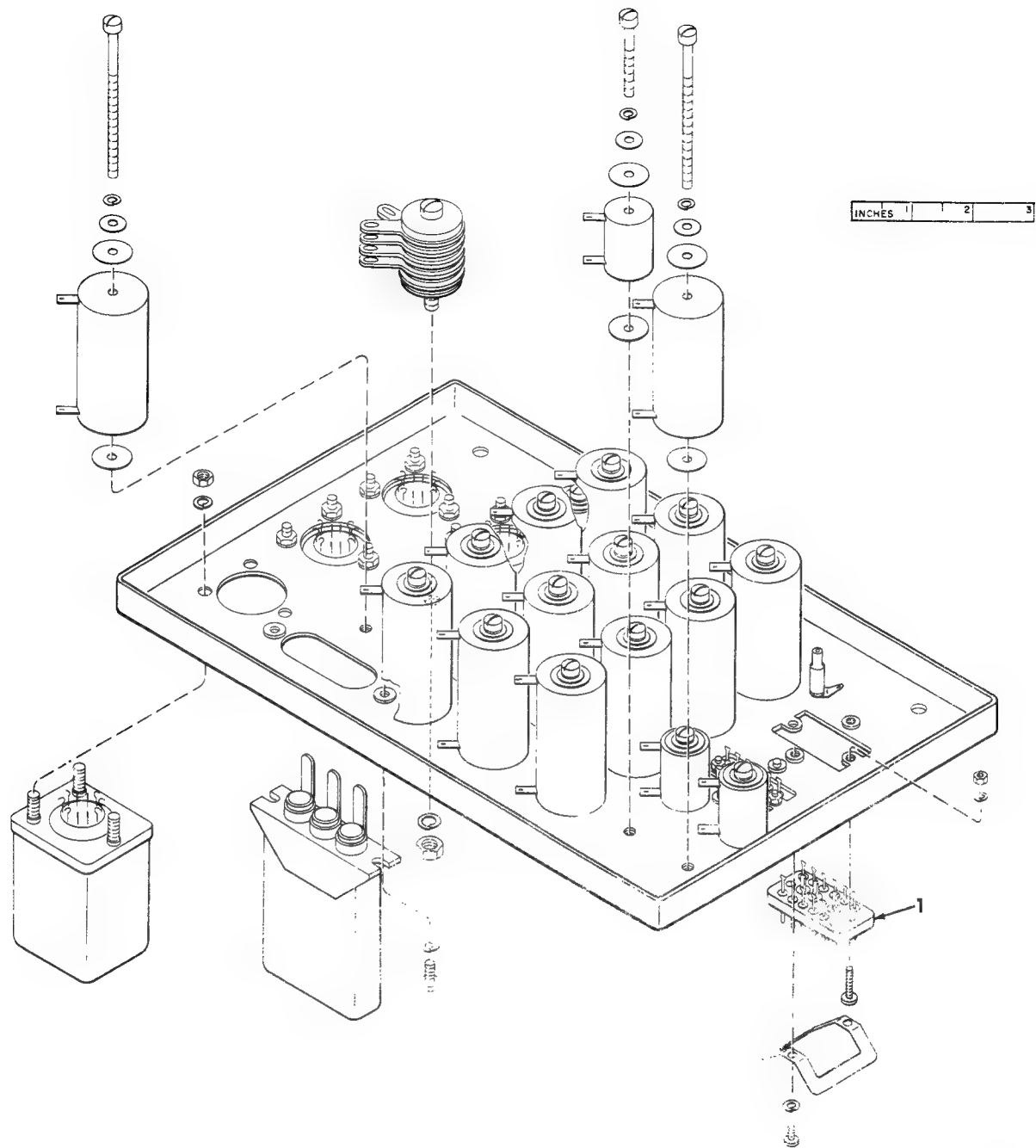
Figure 29. Panel, test, electrical (8159350)—exploded view



ORD G284145

- 1 LAMP 7665718
- 2 LENS 8168973

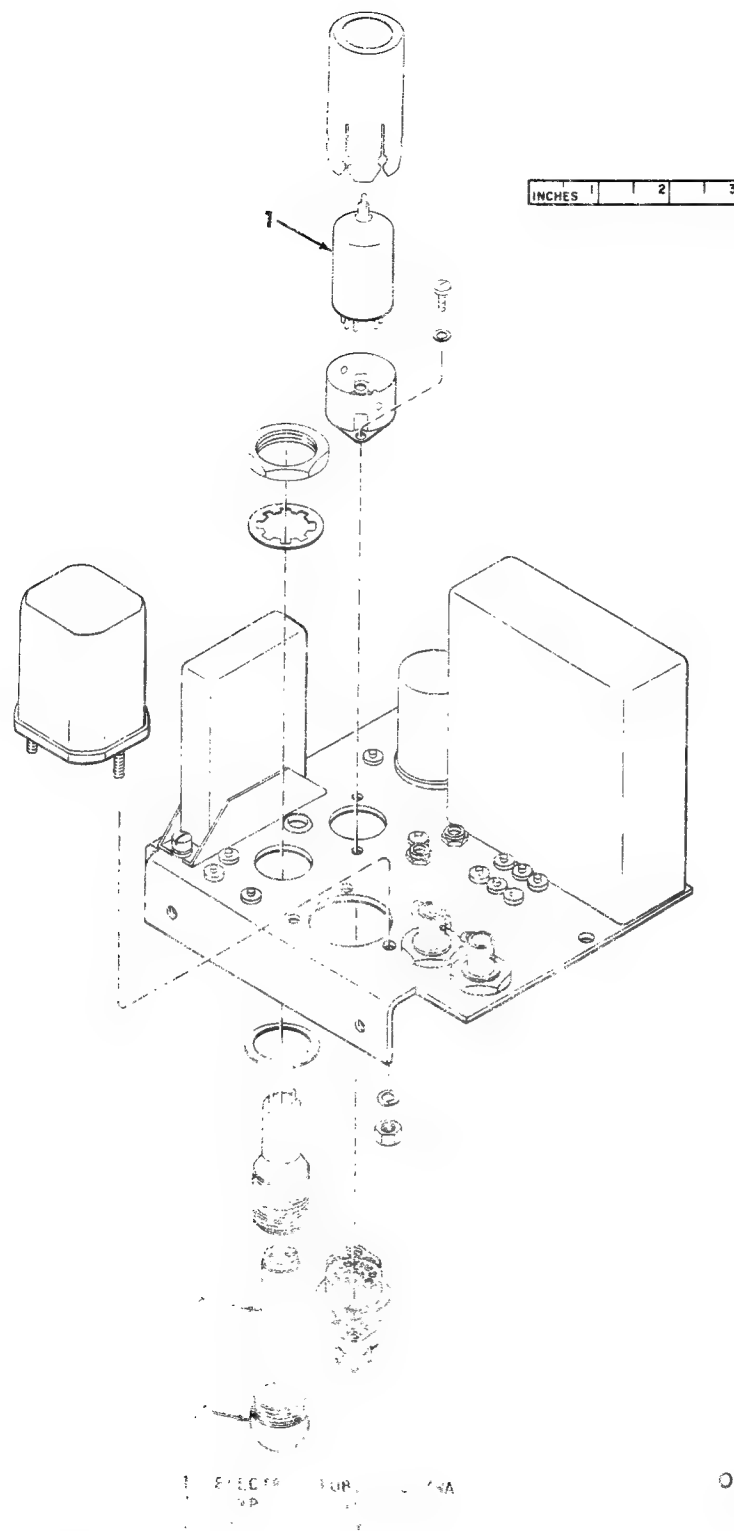
Figure 30. Panel assembly (9005531)—exploded view



ORD G259906

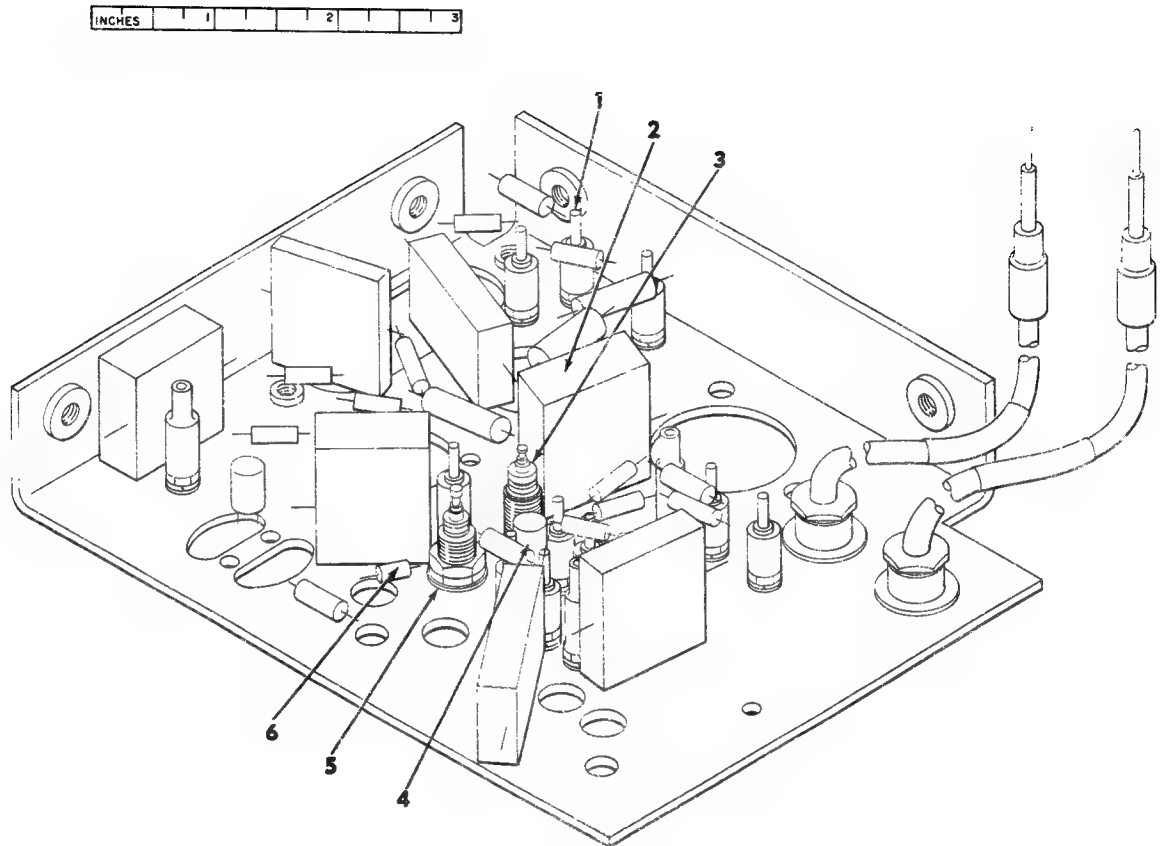
Figure 31. Relay-resistor assembly (9005389)—exploded view





ORD G28-1146

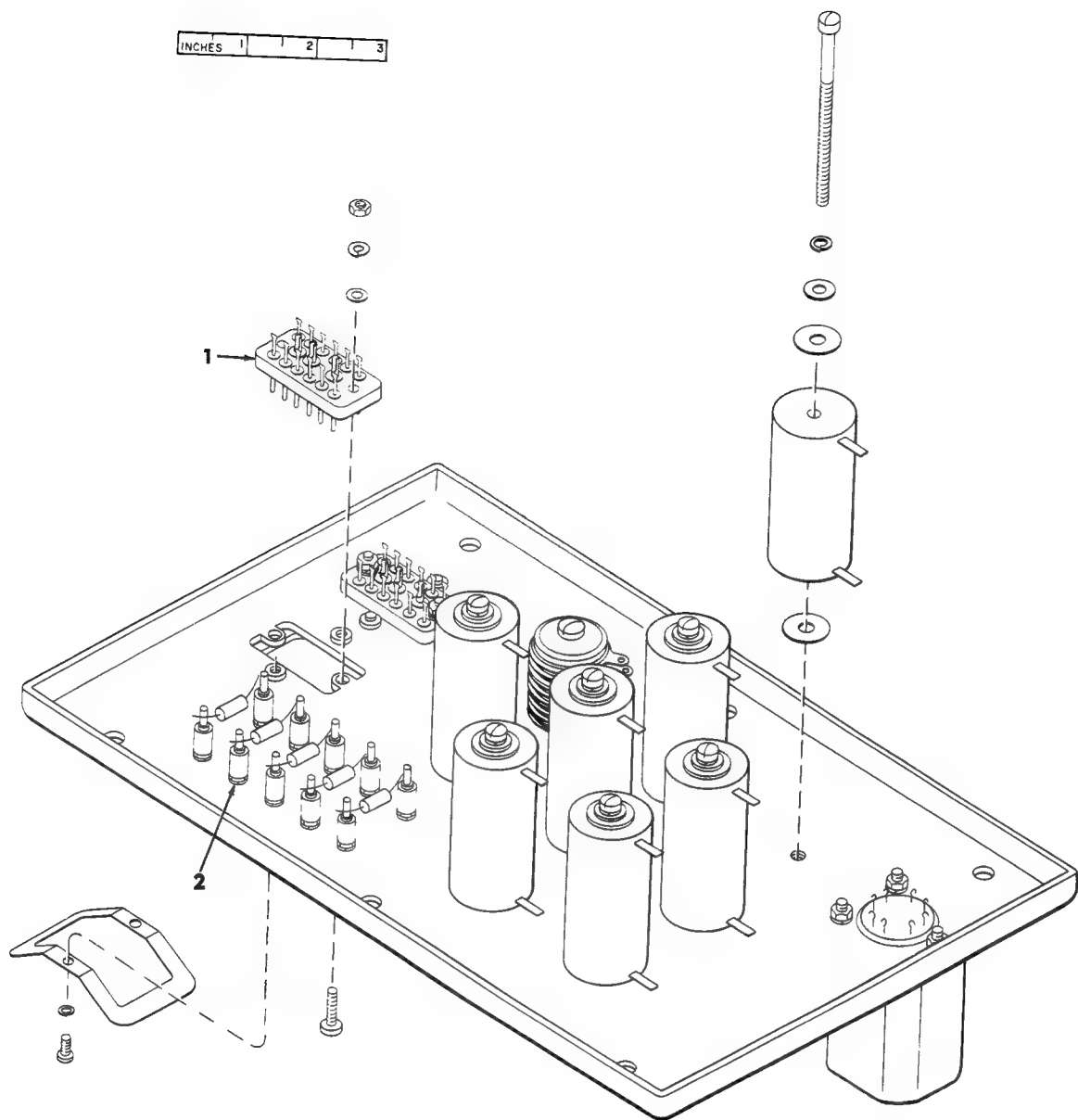
Figure 12. Exploded view of the parts of the assembly.



ORD G284147

- |   |                      |   |                      |
|---|----------------------|---|----------------------|
| 1 | TERMINAL 7592949     | 5 | JACK 8134425         |
| 2 | CAPACITOR CM35E103J  | 6 | SEMICONDUCTOR DEVICE |
| 3 | JACK 8175016         |   | 1N19B                |
| 4 | CRYSTAL UNIT 8515007 |   |                      |

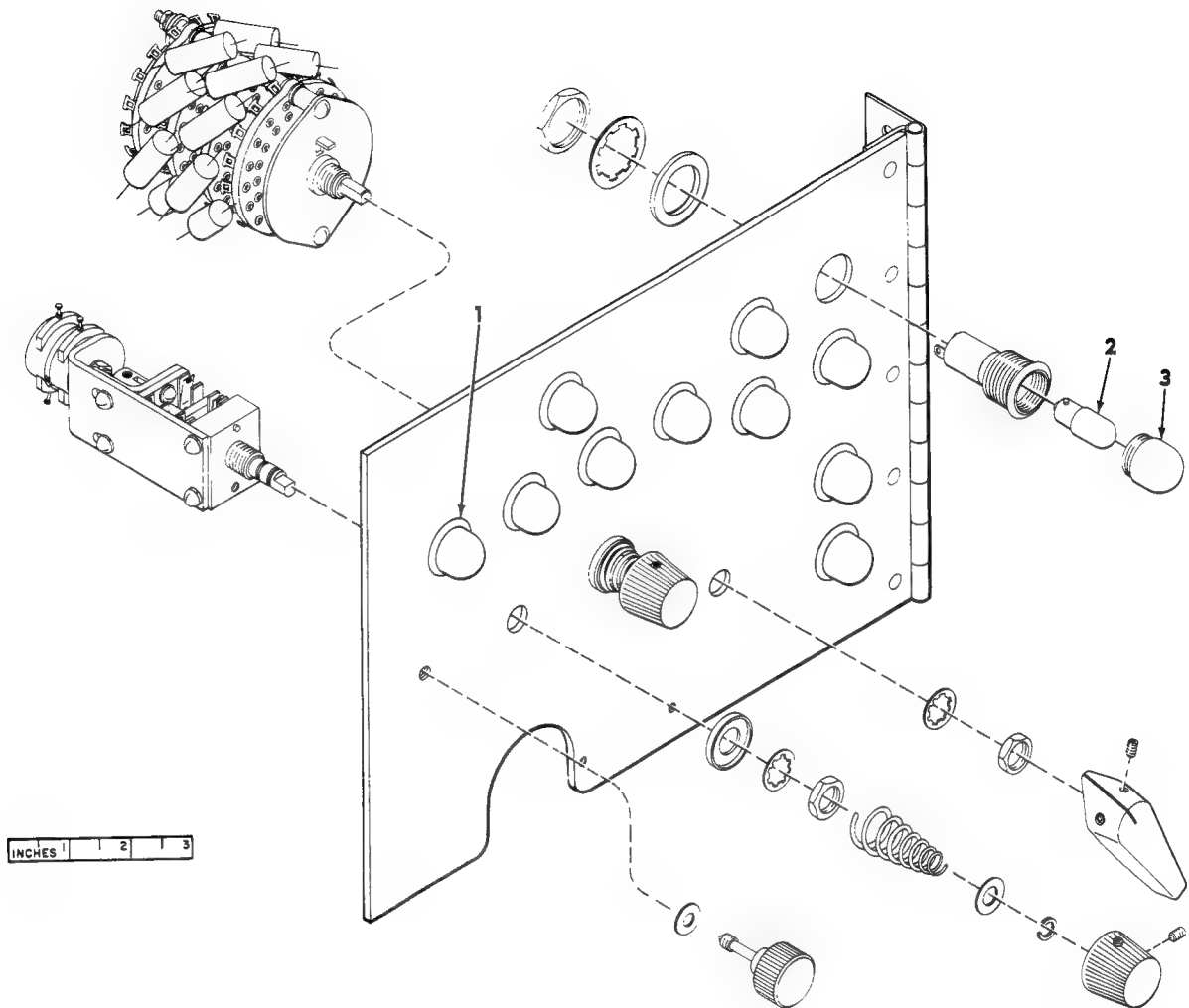
Figure 33. Partial assembly (unit 5990)—partial exploded view



ORD G284148

- 1 CONNECTOR 7598934
- 2 TERMINAL 7598949

Figure 34. Relay-resistor assembly (8513129)—exploded view



ORD G284149

- |   |      |         |
|---|------|---------|
| 1 | LENS | 8515659 |
| 2 | LAMP | 7665718 |
| 3 | LENS | 8168973 |

Figure 35. Panel, indicator (8513128)—exploded view

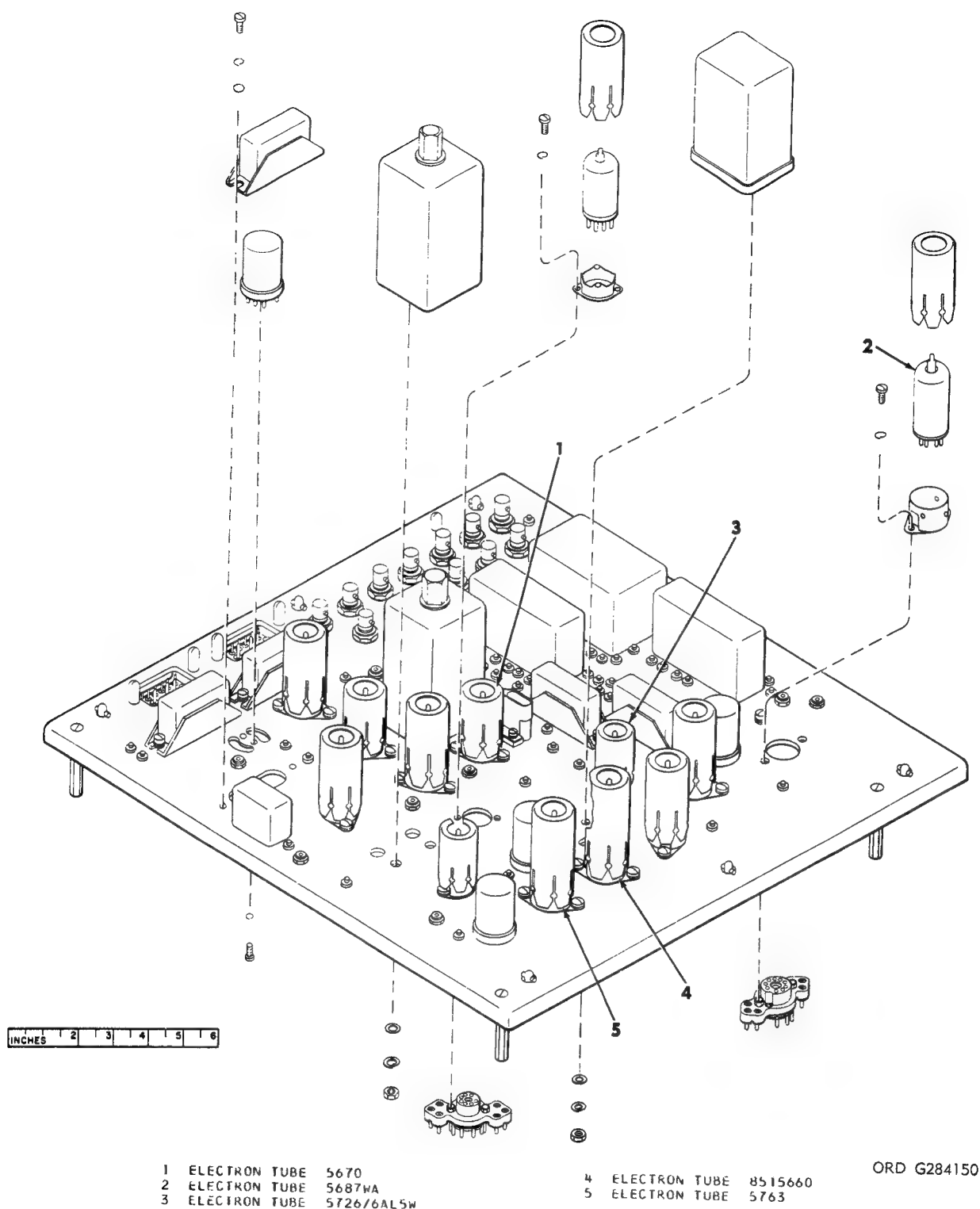
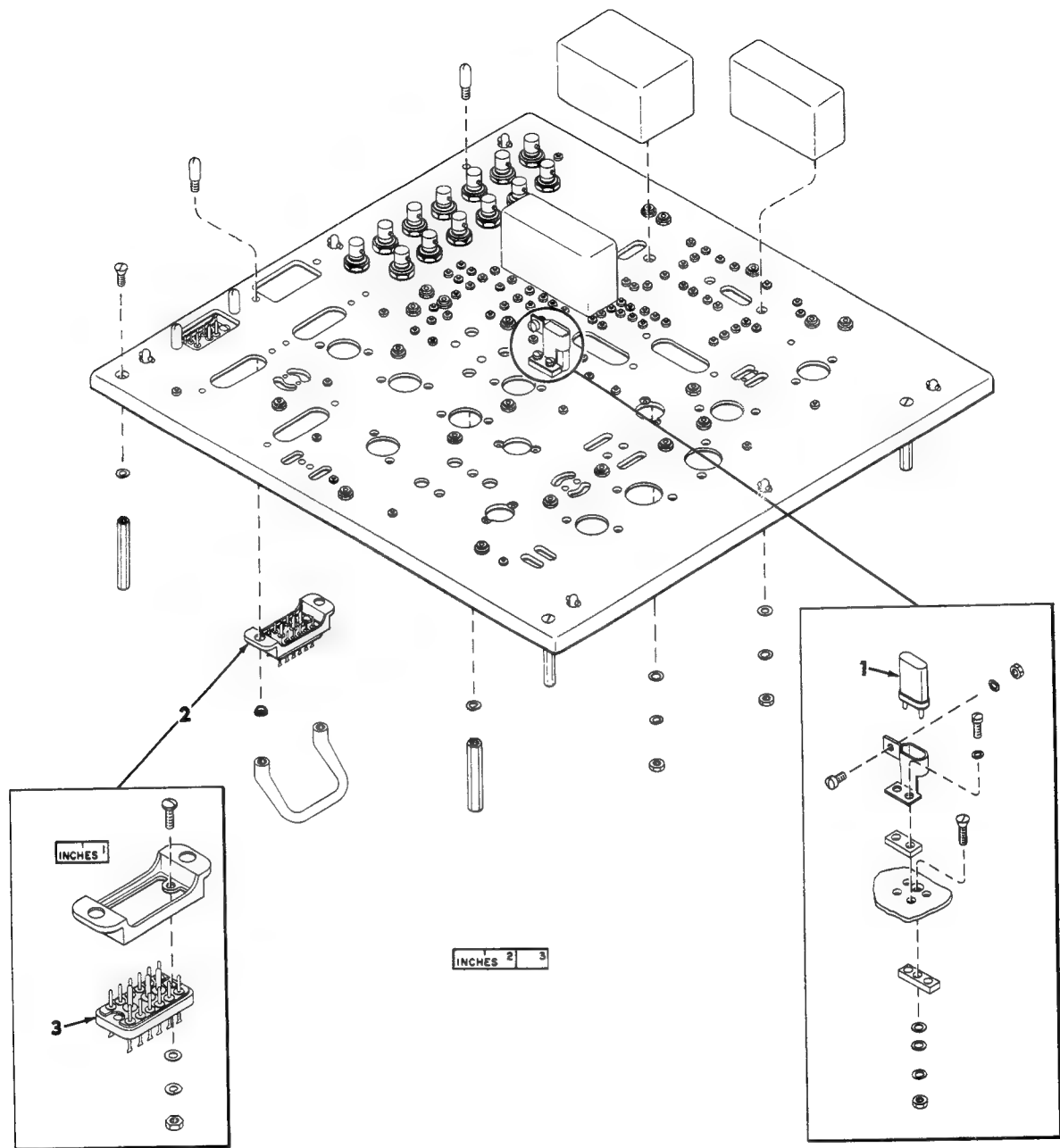


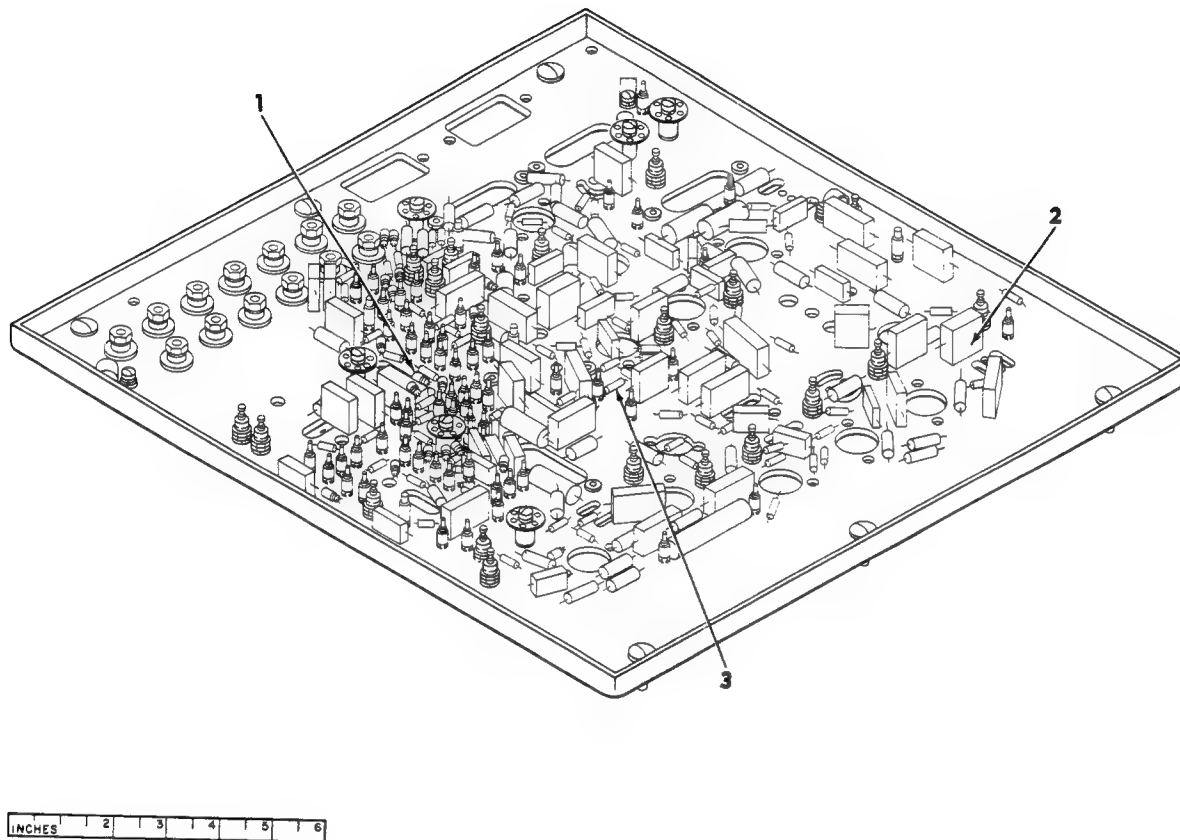
Figure 36. Synchronizer, electrical (9983715)—partial exploded view



ORD G259912

- 1 CRYSTAL UNIT 8217150
- 2 CONNECTOR 7598051
- 3 CONNECTOR 7598934

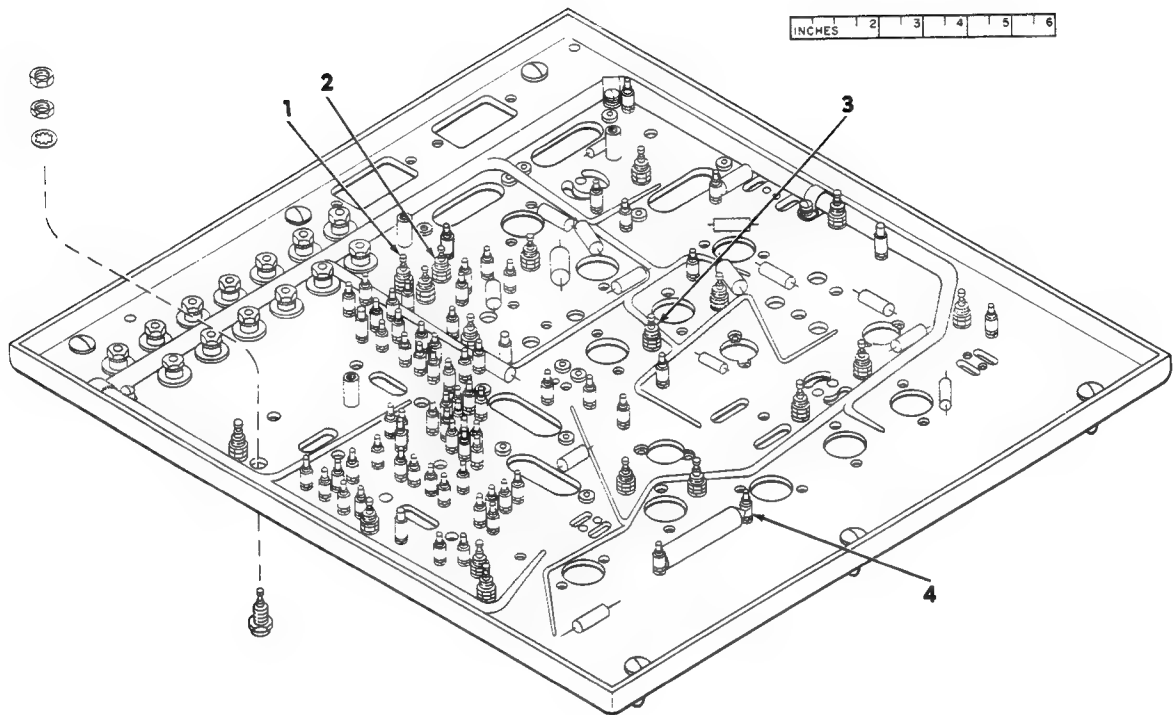
Figure 37. Synchronizer, electrical (9983715)—partial exploded view



ORD G284151

- 1 CRYSTAL UNIT 8515007
- 2 CAPACITOR CM35E103J
- 3 SEMICONDUCTOR DEVICE  
1N198

Figure 38. Synchronizer, electrical (9983715)—partial exploded view



ORD G284152

- 1 JACK 8134425
- 2 JACK 8175017
- 3 JACK 8175016
- 4 TERMINAL 7598949

Figure 39. Synchronizer, electrical (9983715)—partial exploded view



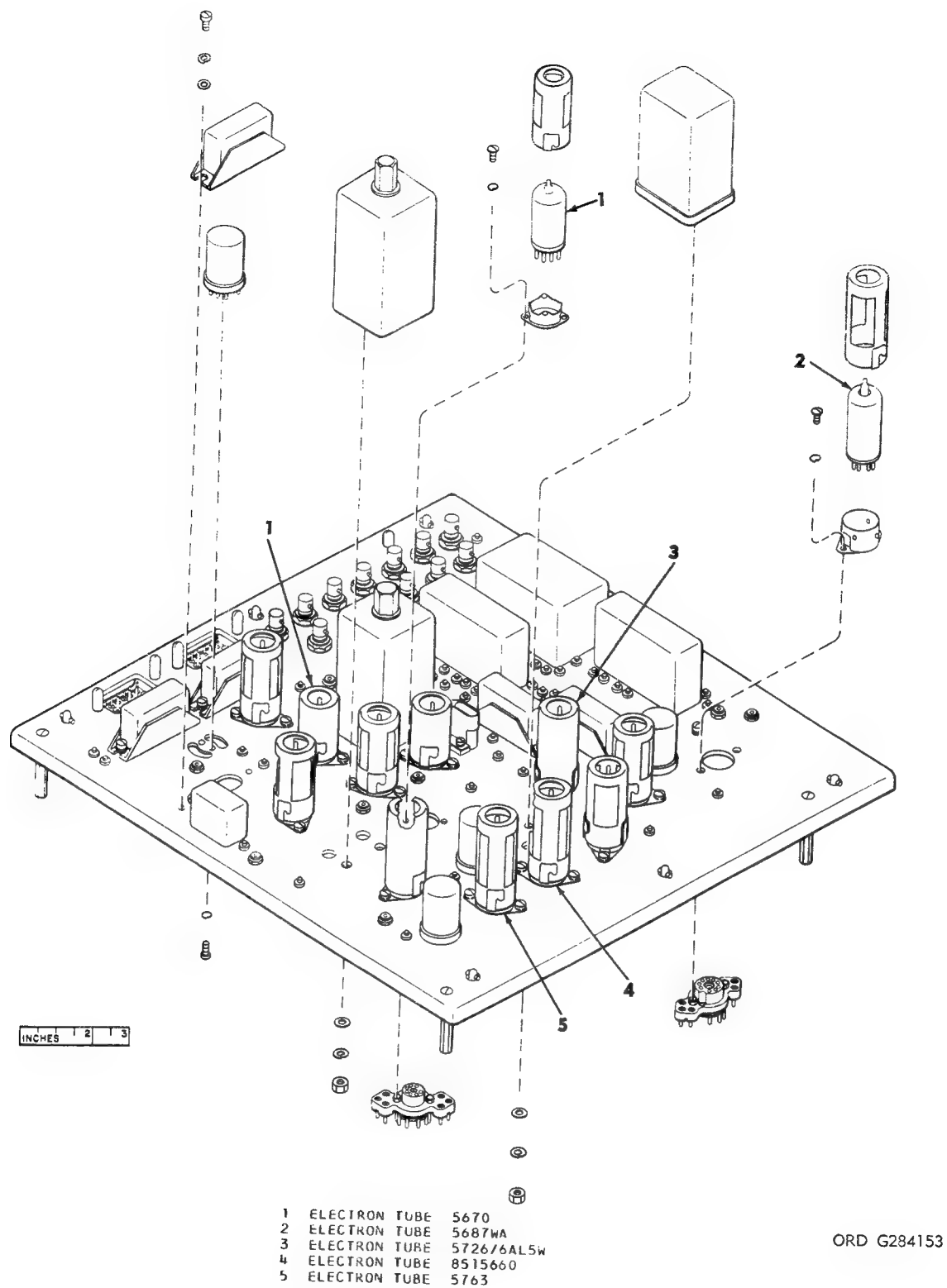
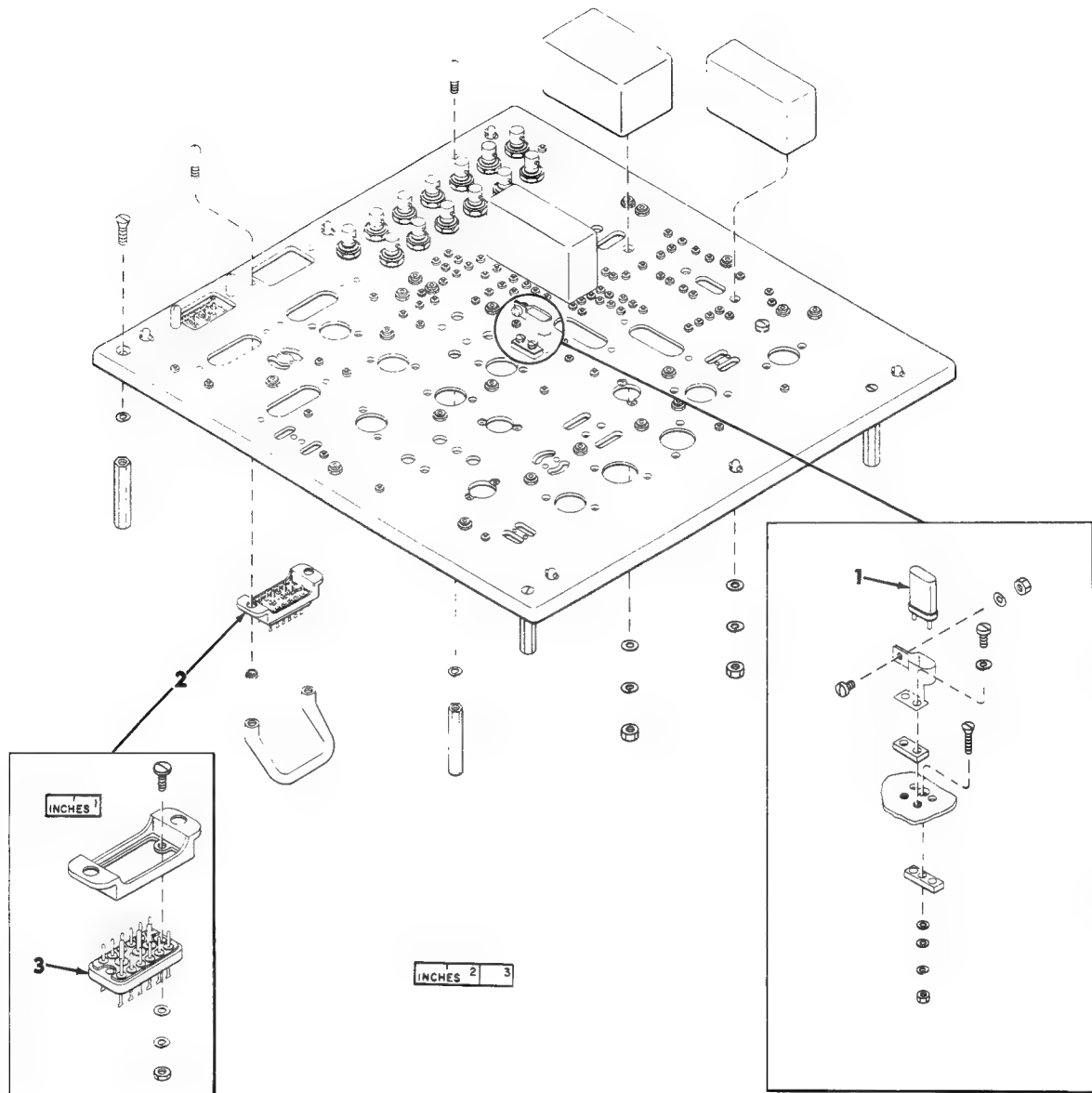
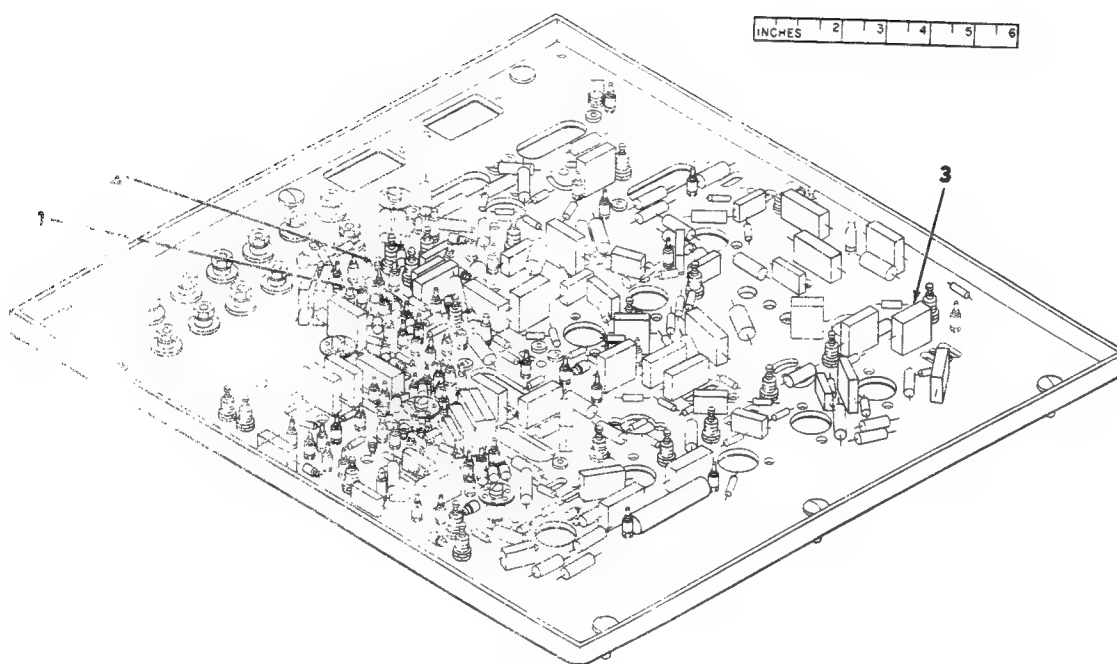


Figure 40. Synchronizer, electrical (9983937)—partial exploded view



ORD G259916

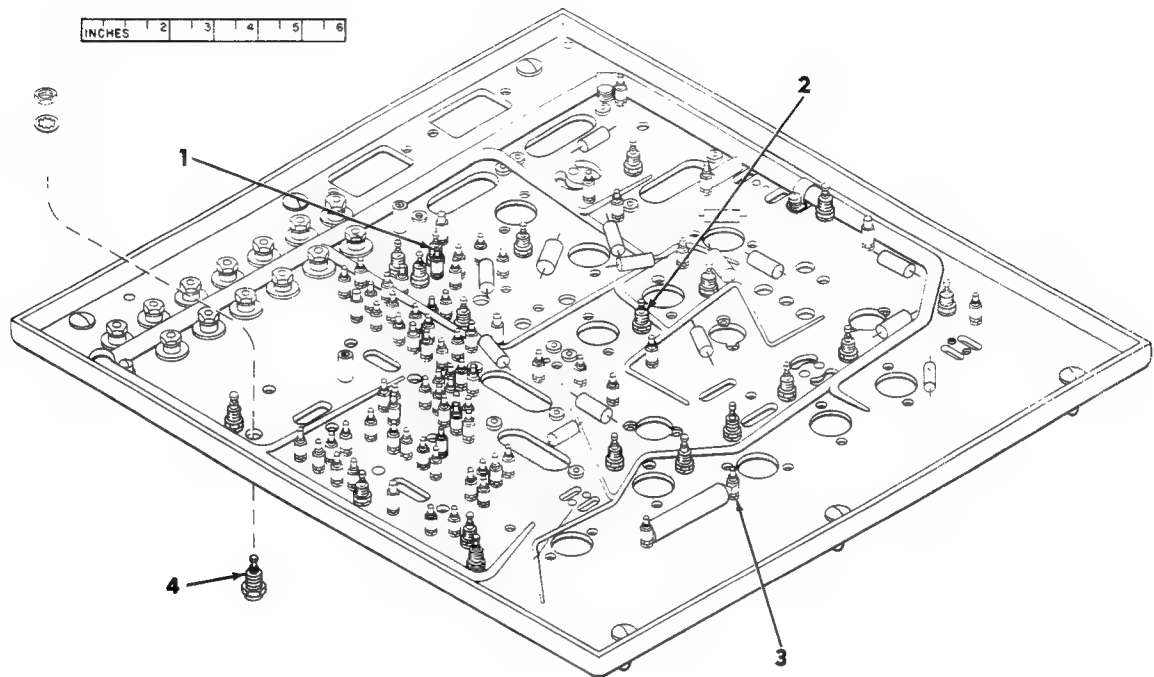
Figure 41. Synchronizer, electrical (9983937)—partial exploded view



ORD G284154

- 1 CRYSTAL UNIT 8515007
- 2 SEMICONDUCTOR DEVICE  
1N196
- 3 CAPACITOR CM35E103J

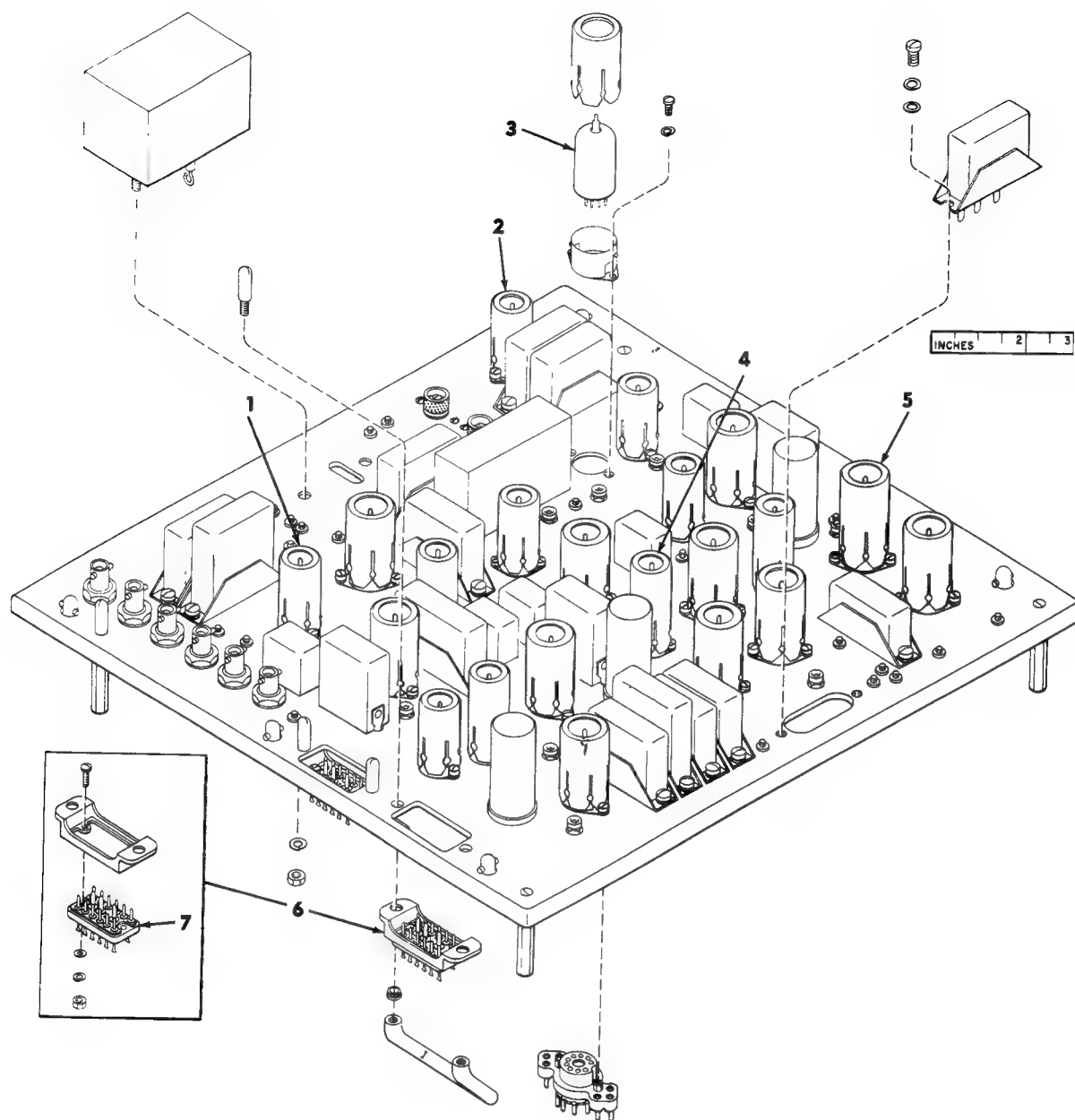
Figure 42. Synchronizer, electrical (9963937)—partial exploded view



ORD G284155

- 1 JACK 8115017
- 2 JACK 8175016
- 3 TERMINAL 7598949
- 4 JACK 8134425

Figure 43. Synchronizer, electrical (9983937)—partial exploded view

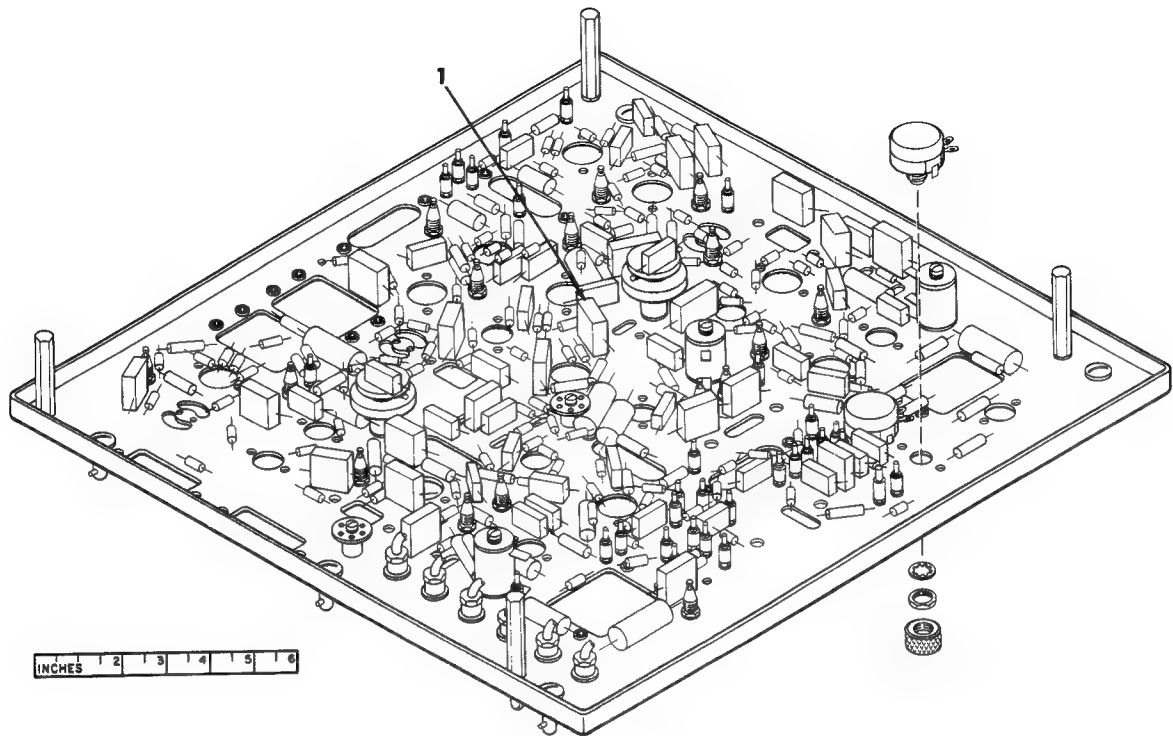


ORD G284156

- 1 ELECTRON TUBE 5725/6AS6W
- 2 ELECTRON TUBE 5726/6AL5W
- 3 ELECTRON TUBE 5670
- 4 ELECTRON TUBE 6AH6

- 5 ELECTRON TUBE 5687WA
- 6 CONNECTOR 7598051
- 7 CONNECTOR 7598934

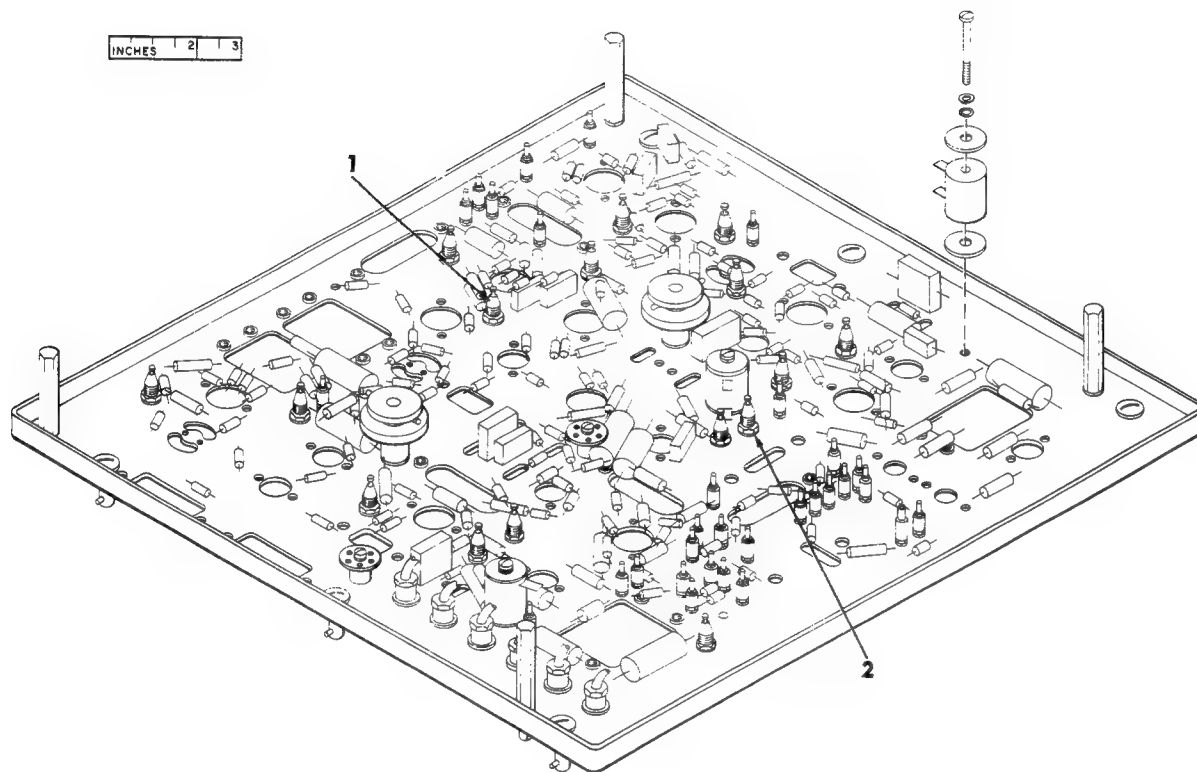
Figure 44. Coder, radar, guided missile (8159347)—partial exploded view



ORD G284157

1 CAPACITOR CM35E103J

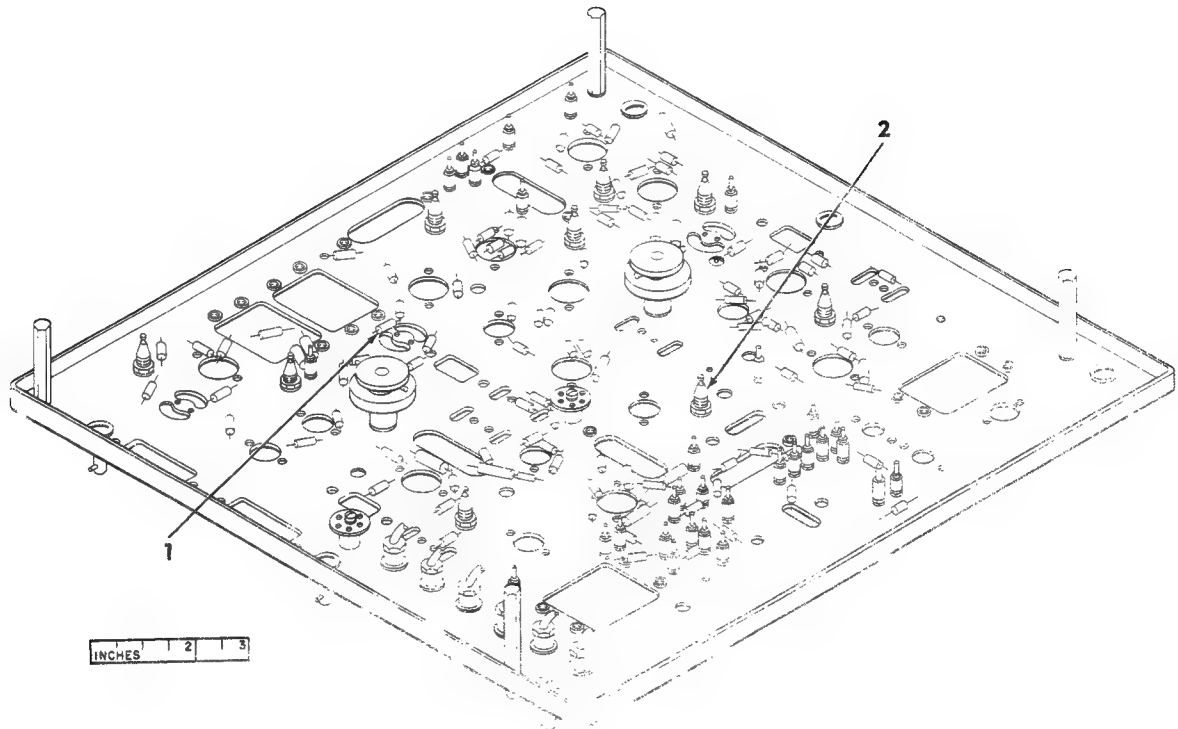
Figure 45. Coder, radar, guided missile (8159347)—partial exploded view



ORD G284158

- 1 JACK 8175017
- 2 JACK 8134425

Figure 46. Coder, radar, guided missile (8159347)—partial exploded view

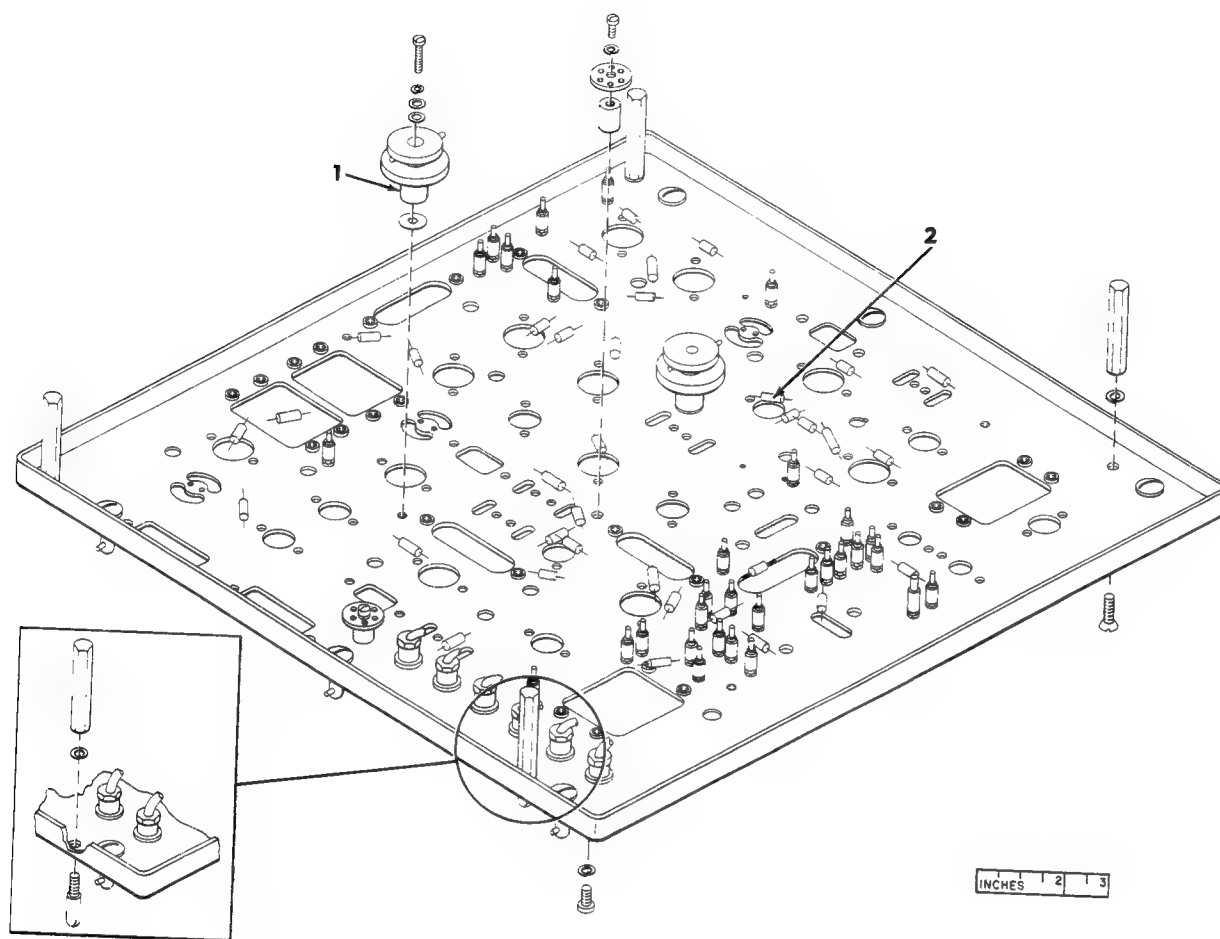


ORD 11 1972

- 1 TOTAL UNIT ASSEMBLY
- 2 JACK 217501

Figure 47. Radar, guided missile (81593+1) - partial exploded view

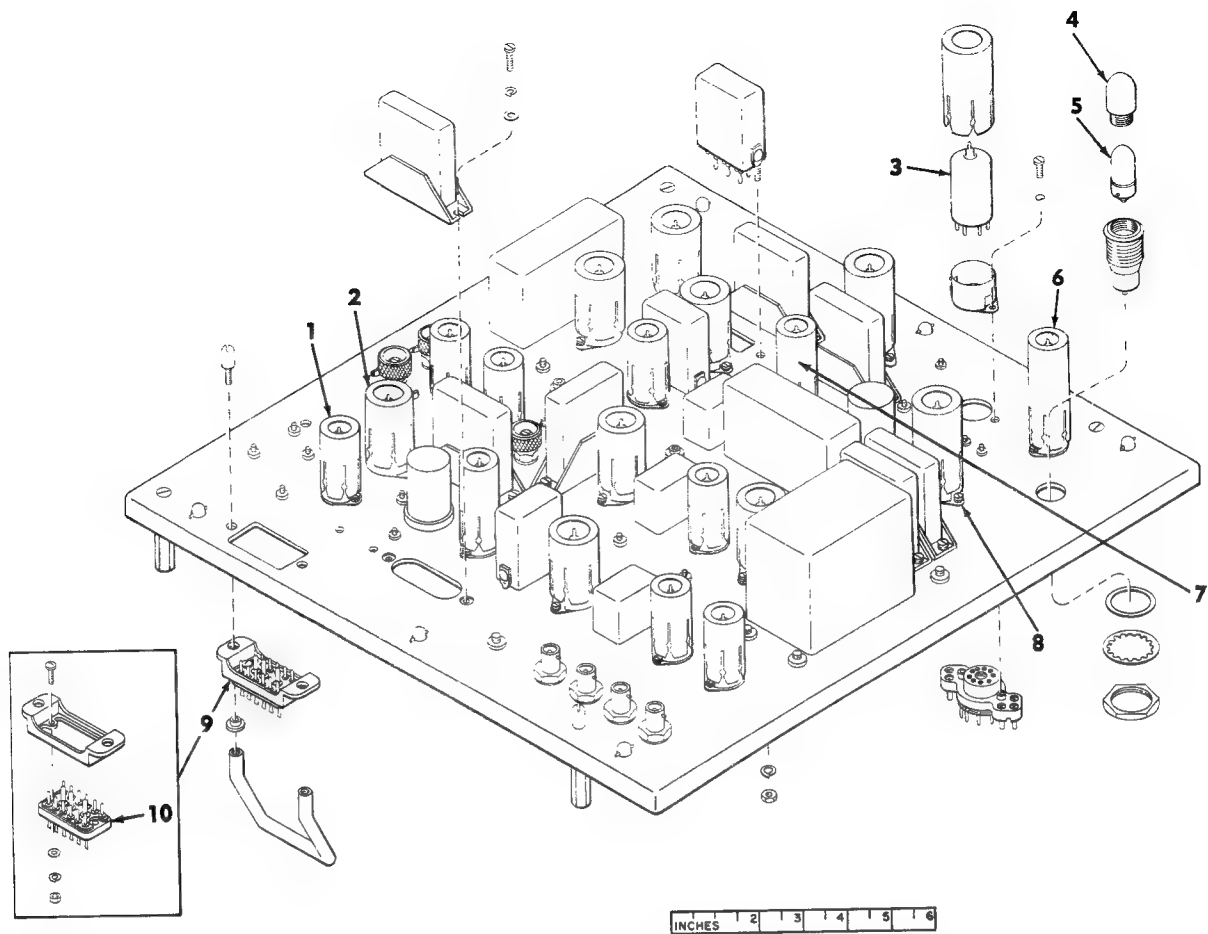




ORD G284159

- 1 COIL 904080
- 2 SEMICONDUCTOR DEVICE  
1N174

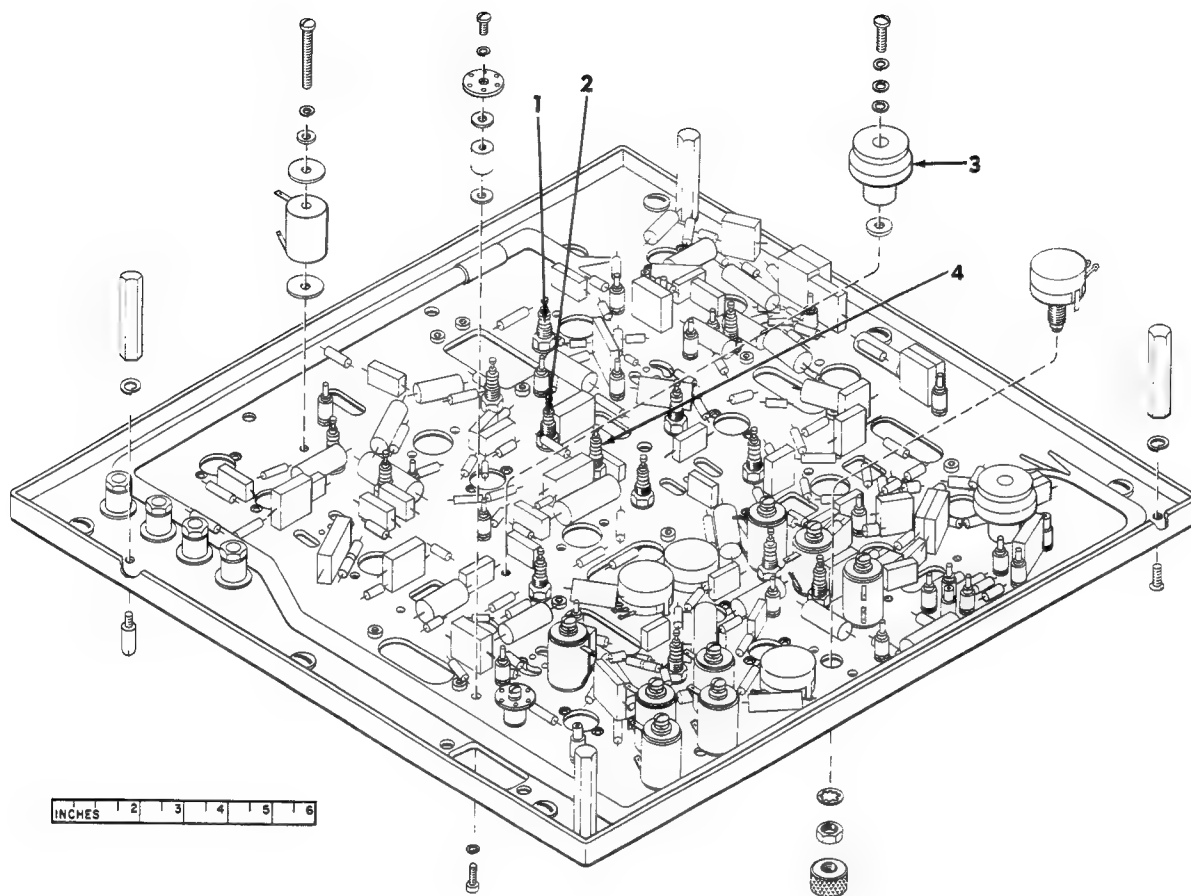
Figure 48. Coder, radar, guided missile (8159347)—partial exploded view



ORD G284160

- |    |               |            |
|----|---------------|------------|
| 1  | ELECTRON TUBE | 5726/6AL5W |
| 2  | ELECTRON TUBE | 5670       |
| 3  | ELECTRON TUBE | 5814A      |
| 4  | LENS          | 8515659    |
| 5  | LAMP          | 7605718    |
| 6  | ELECTRON TUBE | 0B2WA      |
| 7  | ELECTRON TUBE | 6AH6       |
| 8  | ELECTRON TUBE | 5687WA     |
| 9  | CONNECTOR     | 7598051    |
| 10 | CONNECTOR     | 7598934    |

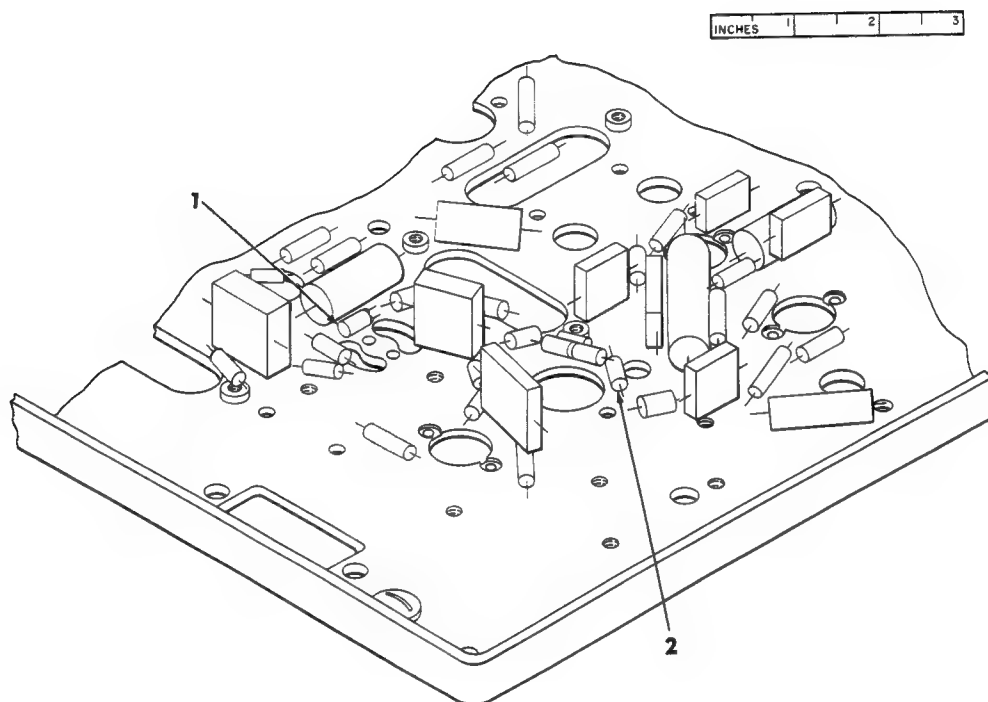
Figure 49. Coder, radar, guided missile (8159349)—partial exploded view



ORD G284161

- 1 JACK 8175016
- 2 JACK 8175017
- 3 COIL 9004080
- 4 JACK 8134425

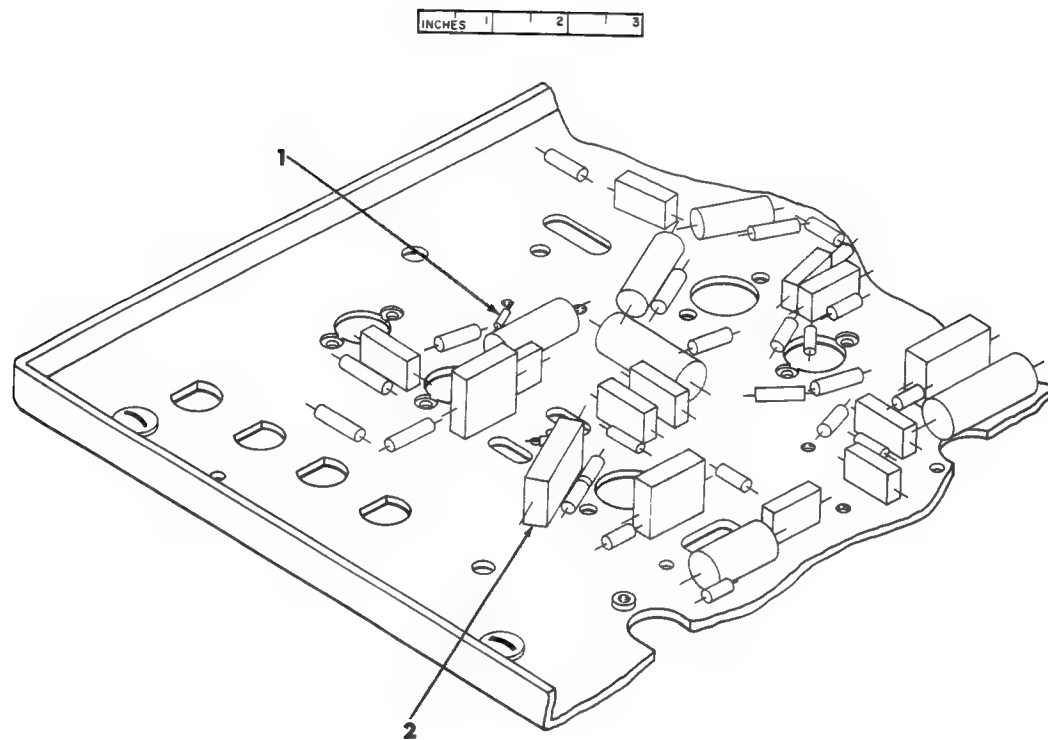
Figure 50. Coder, radar, guided missile (8159349)—partial exploded view



ORD G284162

- 1 CRYSTAL UNIT 8515007
- 2 SEMICONDUCTOR DEVICE  
1N198

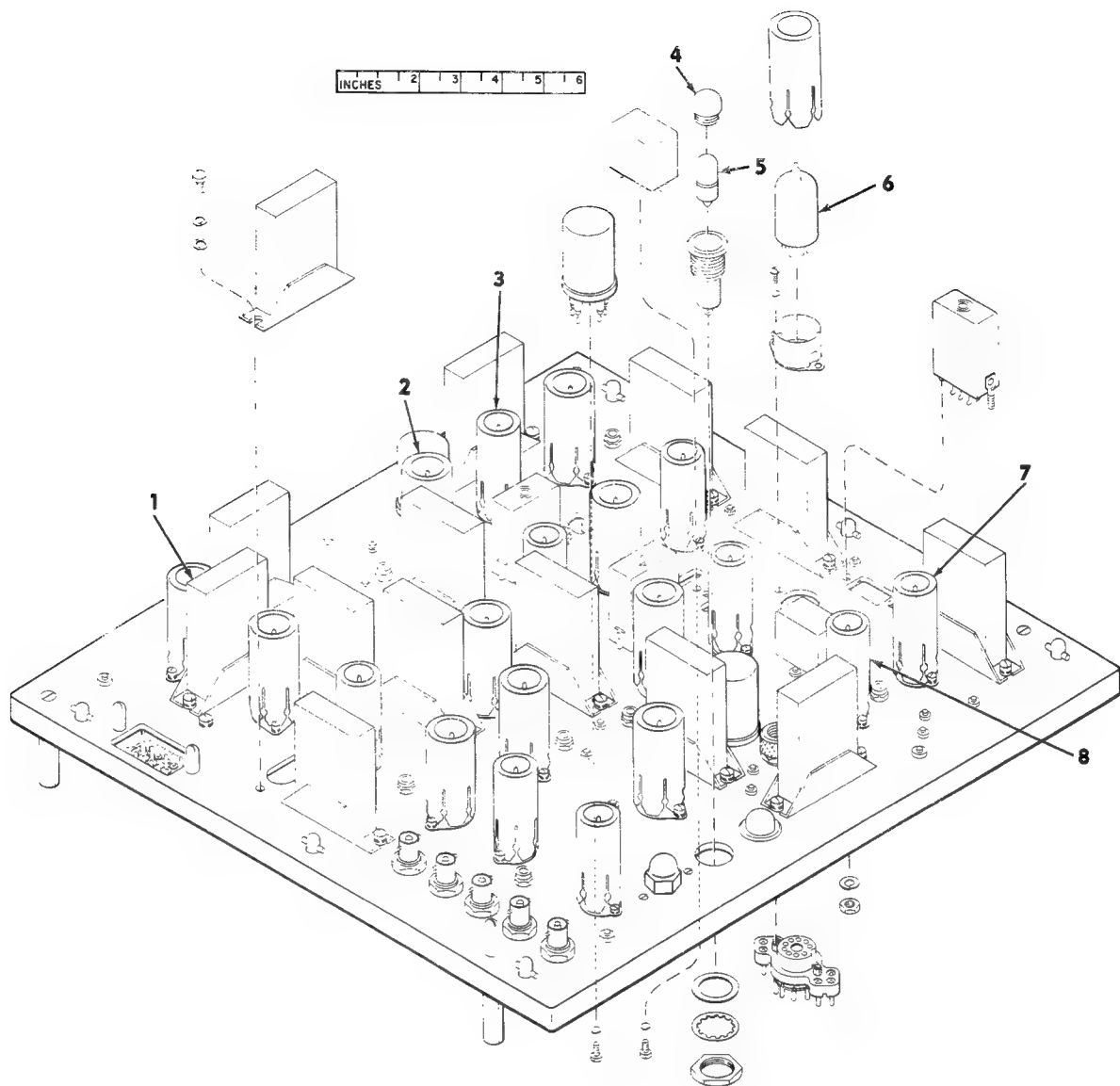
Figure 51. Coder, radar, guided missile (8159349)—partial exploded view



ORD G284163

- 1 SEMICONDUCTOR DEVICE  
1N198
- 2 CAPACITOR CM40E103J

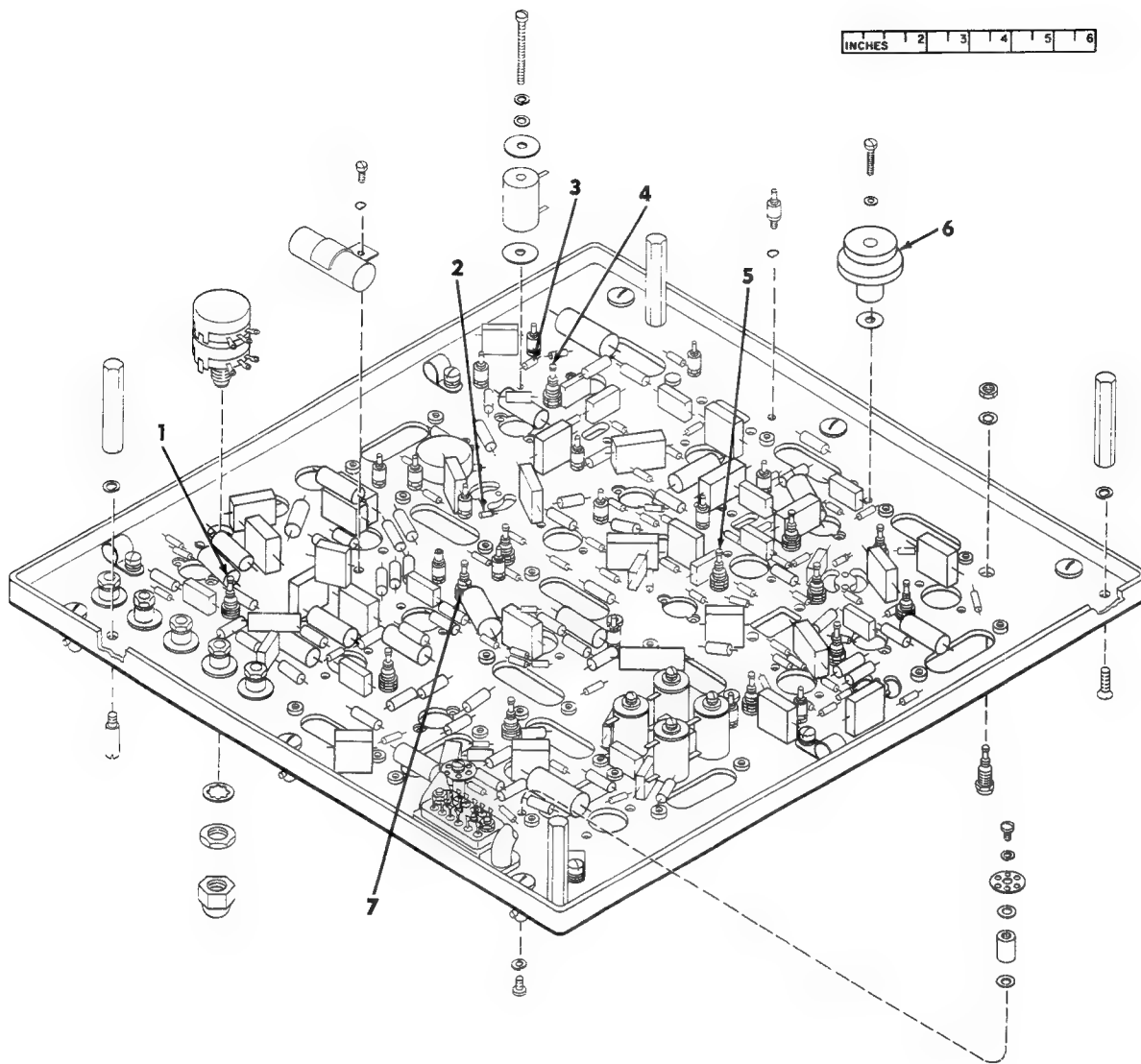
Figure 52. Coder, radar, guided missile (8159349)—partial exploded view



- 1 CAPACITOR CP69B1EF105K1
- 2 ELECTRON TUBE 5687WA
- 3 ELECTRON TUBE 6AH6
- 4 LENS 8515659
- 5 LAMP 7605718
- 6 ELECTRON TUBE 5670
- 7 ELECTRON TUBE 5725/6AS6W
- 8 ELECTRON TUBE 5726/6AL5W

ORD G284166

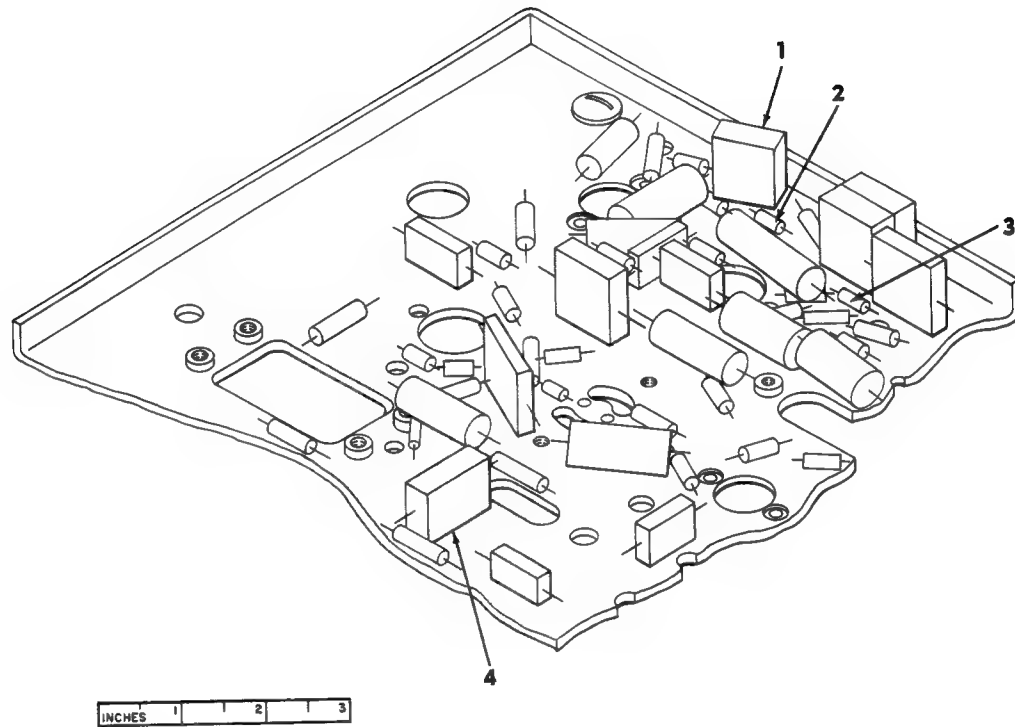
Figure 55. Generator, pulse (8159346)—partial exploded view



ORD G284167

- 1 JACK 8134425
- 2 CRYSTAL UNIT 8515007
- 3 SEMICONDUCTOR DEVICE  
1N198
- 4 JACK 8175016
- 5 JACK 8175017
- 6 COIL 9004080
- 7 JACK 8175216

Figure 56. Generator, pulse (8159346)—partial exploded view

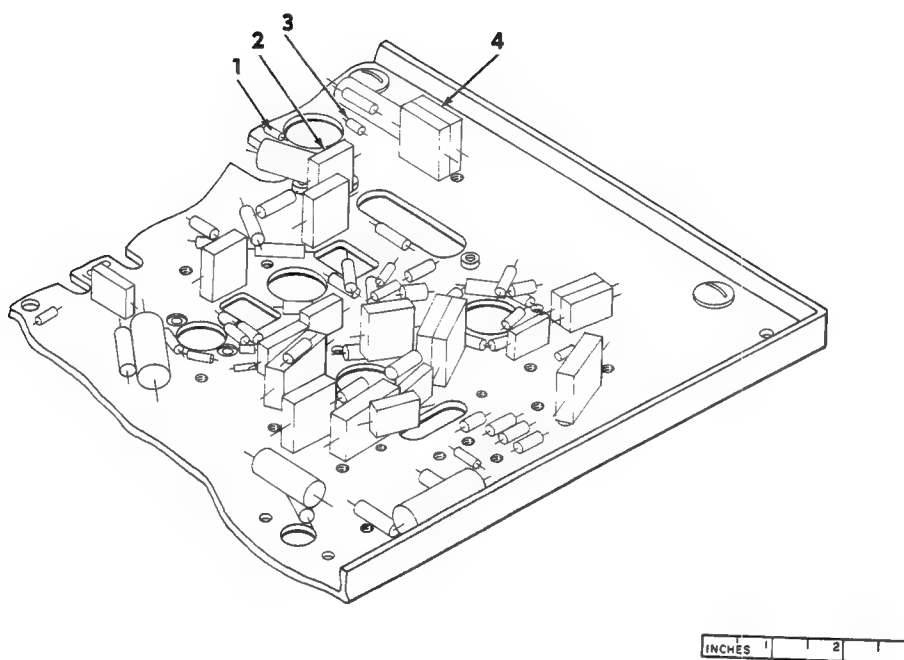


ORD G284164

- 1 CAPACITOR CM35E103J
- 2 SEMICONDUCTOR DEVICE  
1N198
- 3 CRYSTAL UNIT 8515007
- 4 CAPACITOR CM40E103J

Figure 53. Coder, radar, guided missile (8159349)—partial exploded view

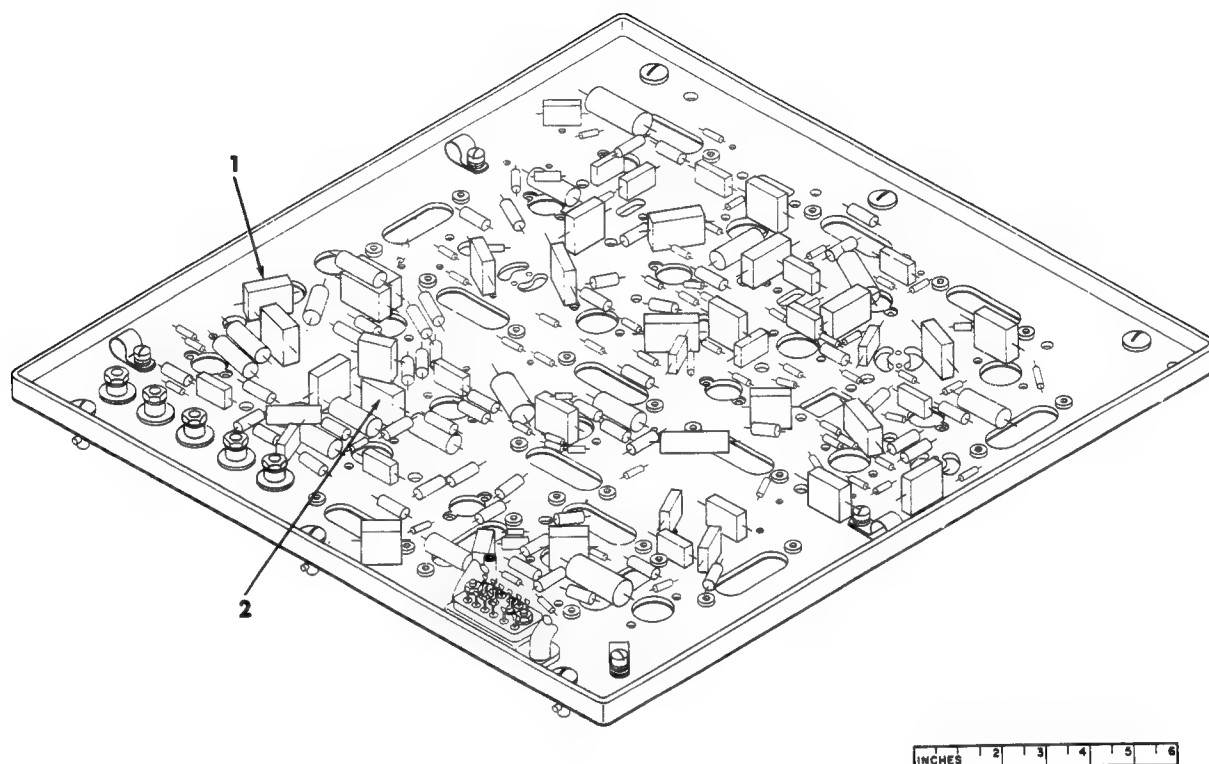




ORD G284165

- 1 CRYSTAL UNIT 8515007
- 2 CAPACITOR CM40E103J
- 3 SEMICONDUCTOR DEVICE  
IN198
- 4 CAPACITOR CM35E103J

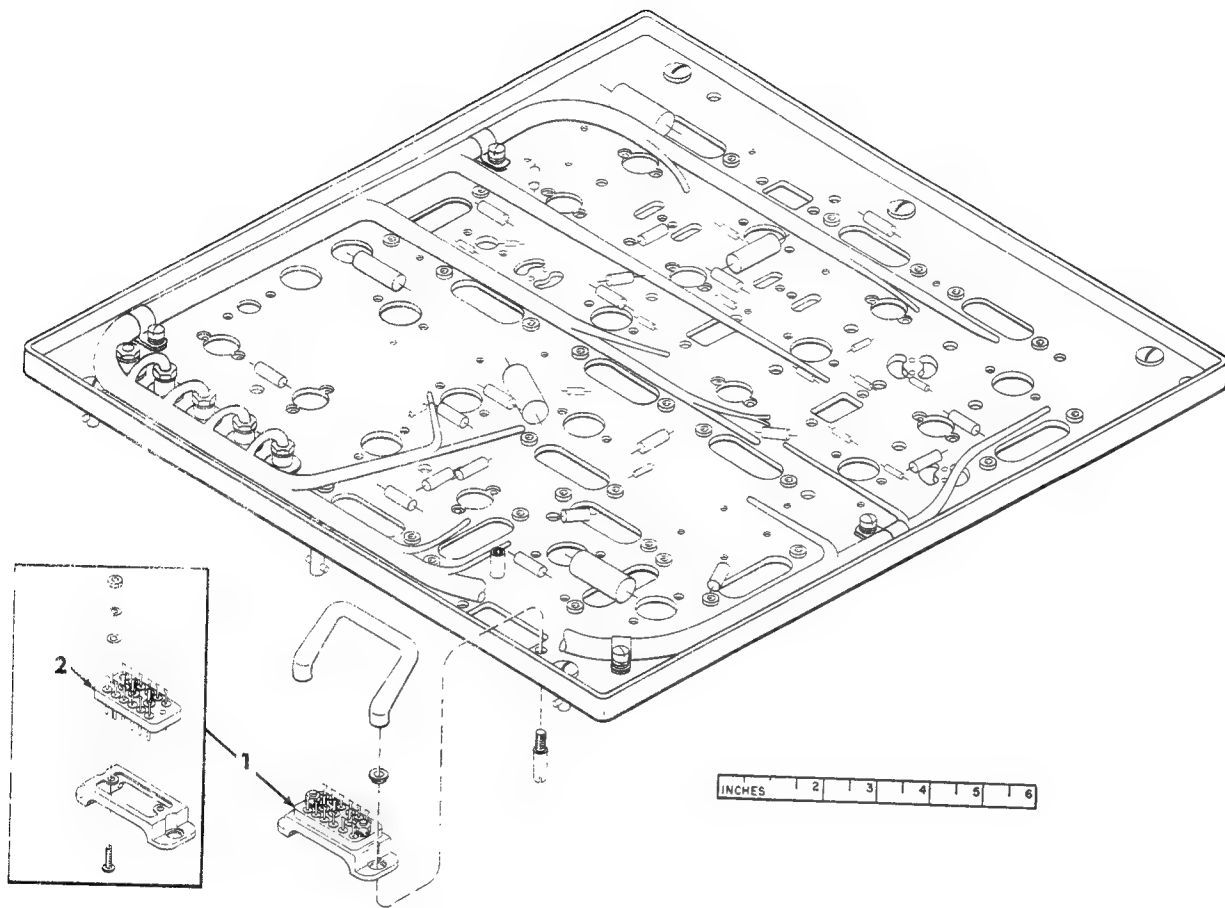
Figure 54. Coder, radar, guided missile (8159349)—partial exploded view



ORD G284168

- 1 CAPACITOR CM40E103J
- 2 CAPACITOR CM35E103J

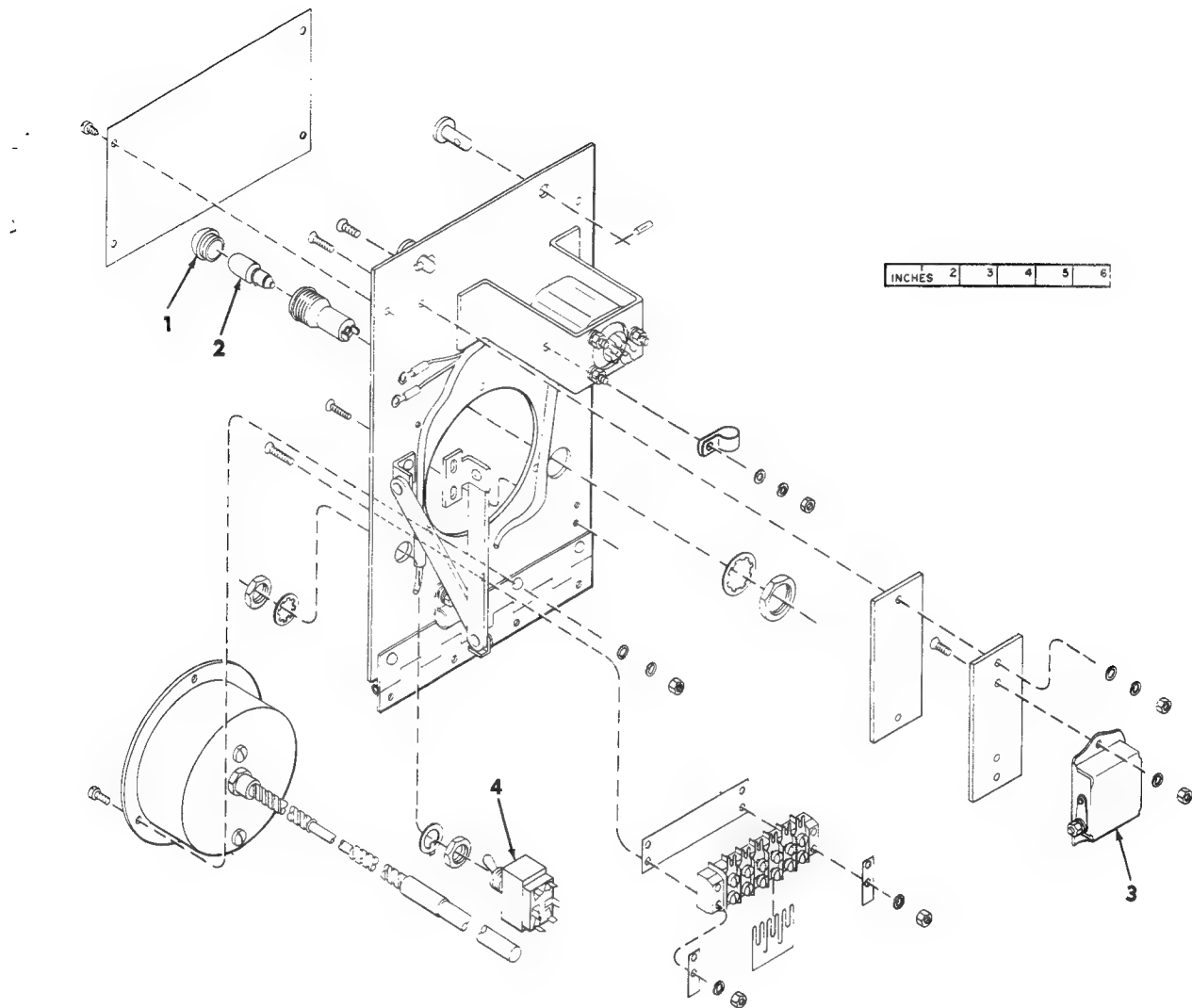
Figure 57. Generator, pulse (8159346)—partial exploded view



ORD G259931

- 1 CONNECTOR 7598051
- 2 CONNECTOR 7598934

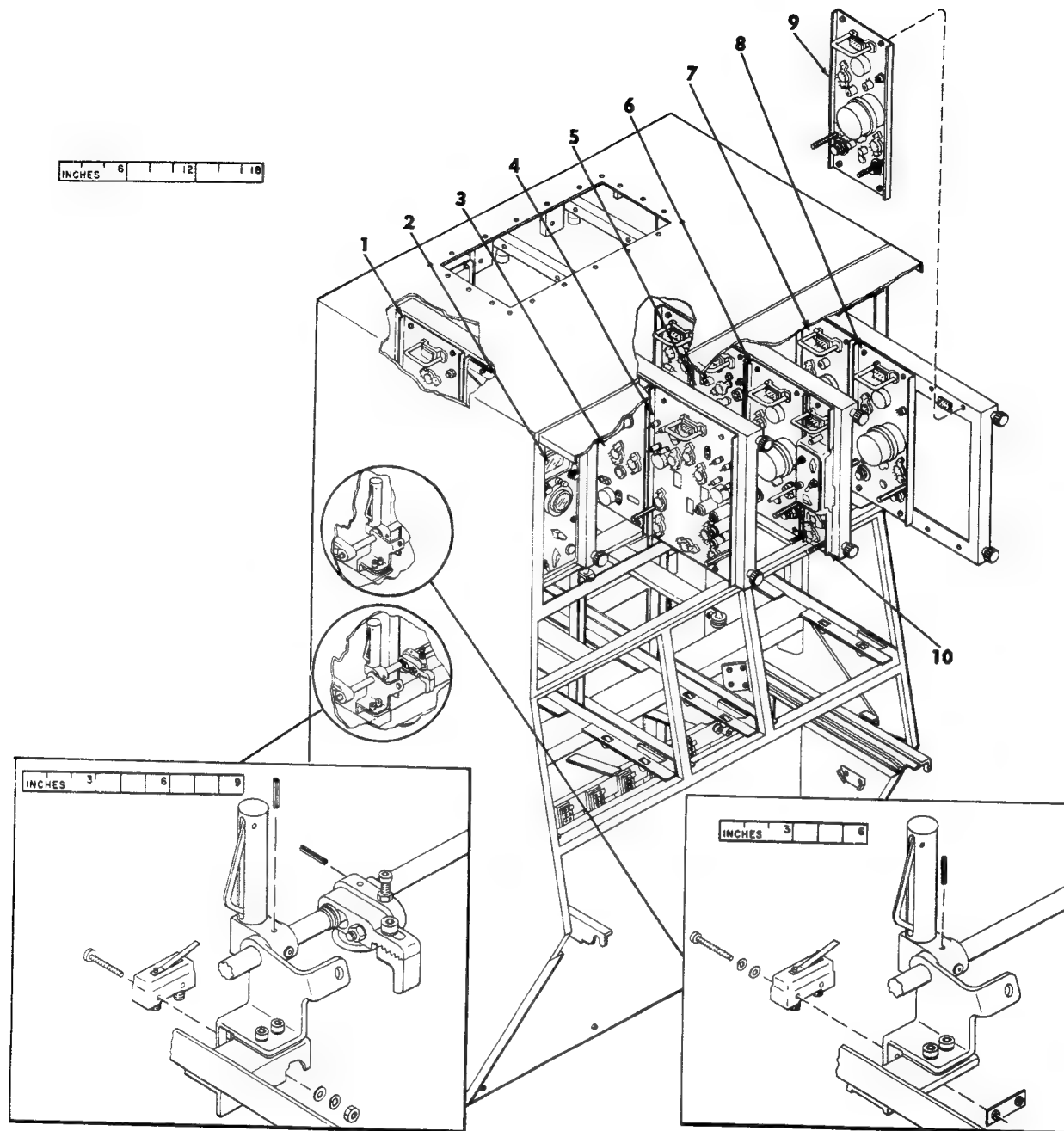
Figure 58. Generator, pulse (8159346)—partial exploded view



ORD G284169

- 1 LENS 8328096
- 2 LAMP MS-25231-1819
- 3 BUZZER 7599913
- 4 SWITCH MS-35059-26

Figure 59. Panel, indicator (9989172)—exploded view

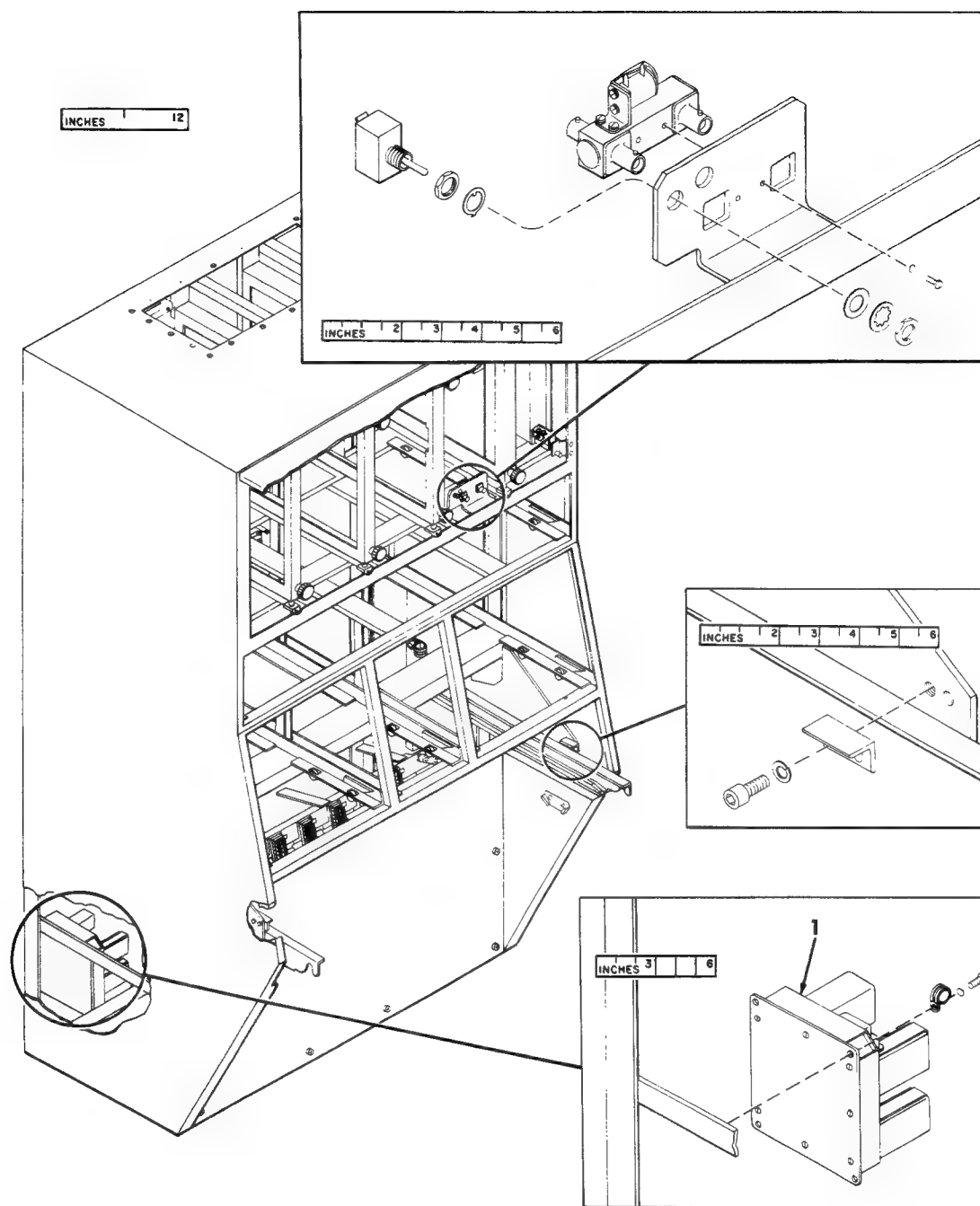


ORD G284170

- 1 GENERATOR 8007721
- 2 OSCILLOSCOPE 8007722
- 3 GENERATOR 9000007
- 4 GENERATOR 9142849
- 5 AMPLIFIER-MIXER STAGE 8513525

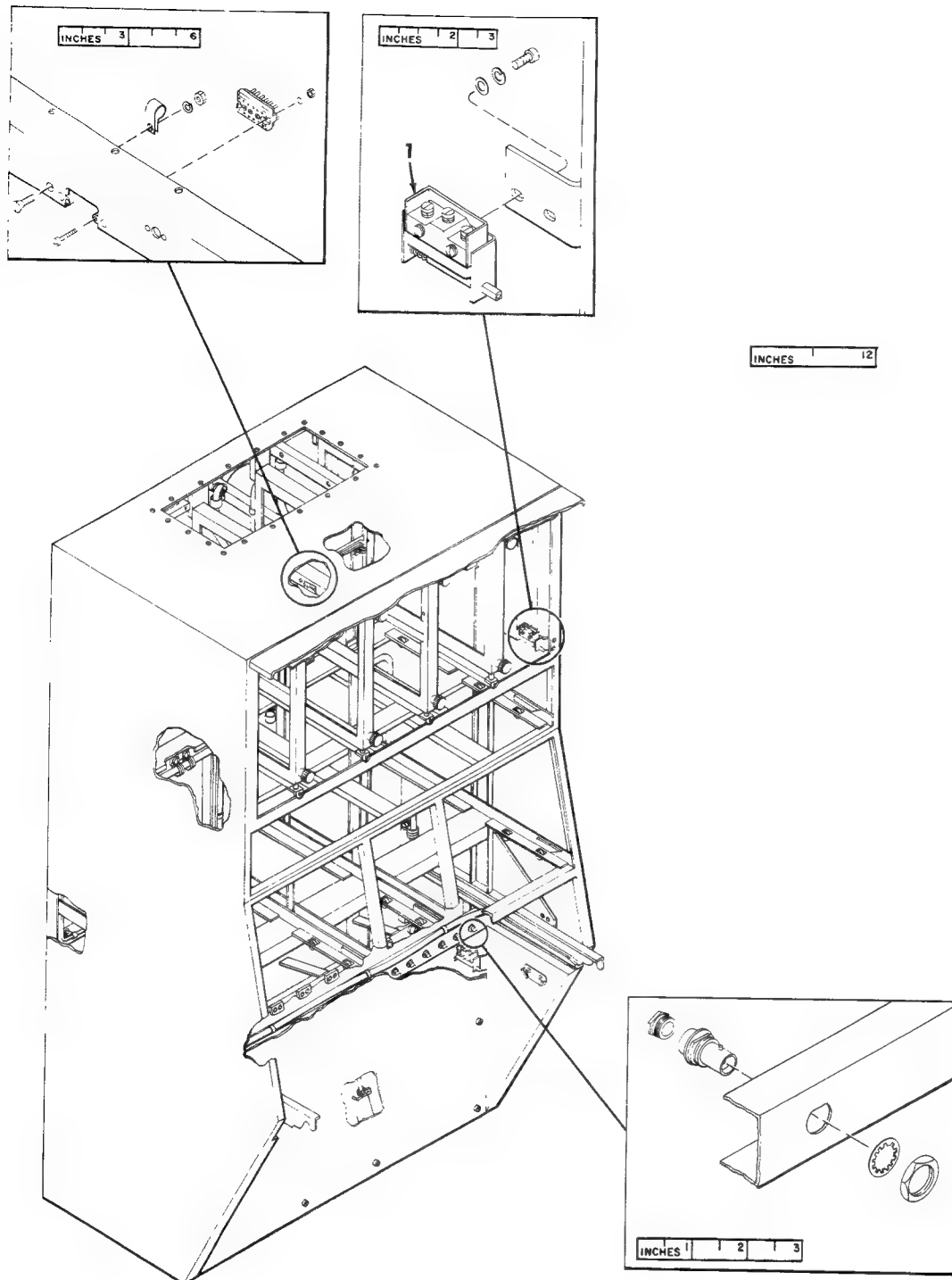
- 6 GENERATOR 8007725
- 7 GENERATOR 8007726
- 8 GENERATOR 8007728
- 9 GENERATOR 8007727
- 10 ADAPTER 8520413

Figure 60. Console, radar control (8158377)—partial exploded view



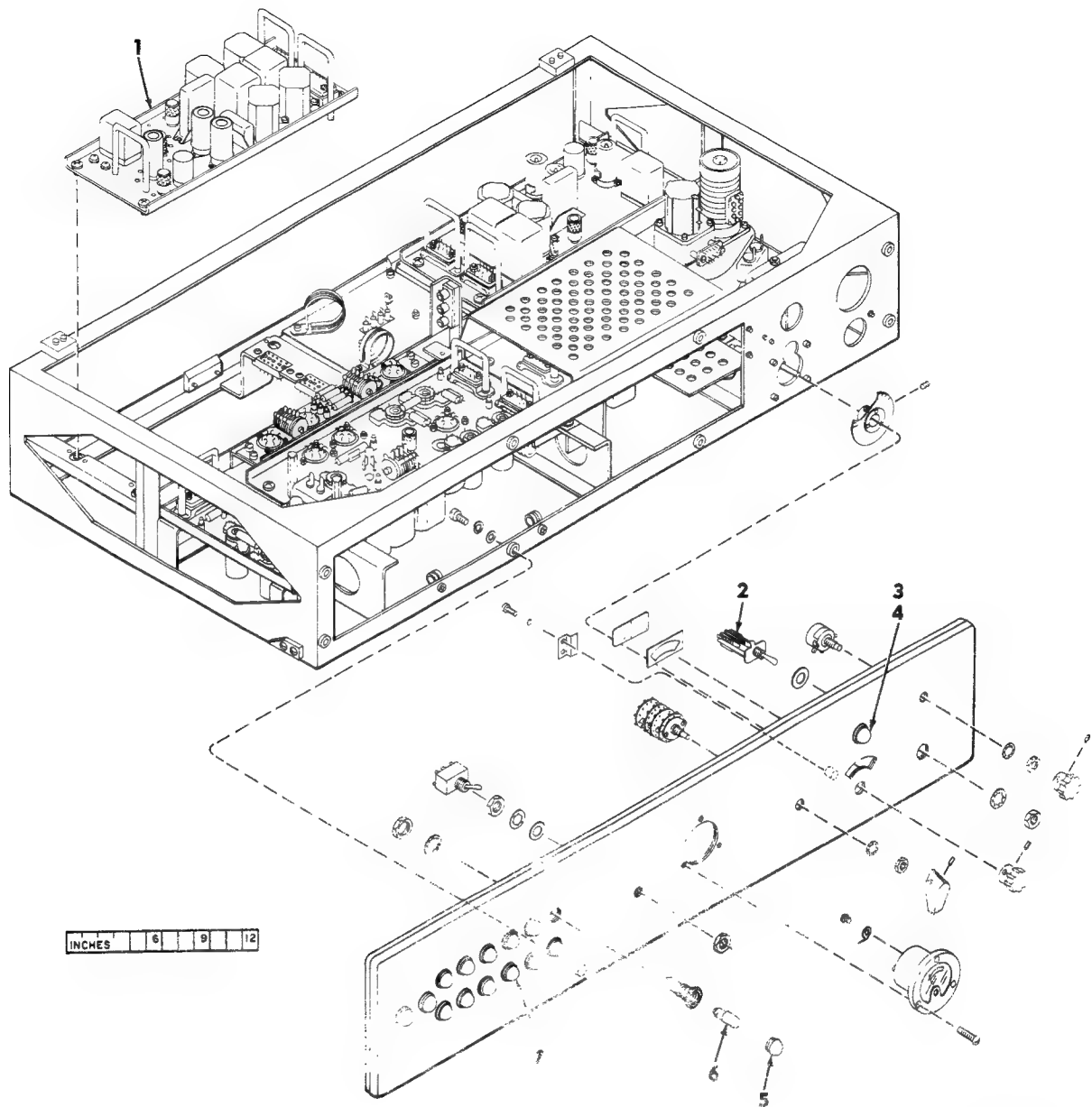
ORD G263378

Figure 61. Console, radar control (8158377)—partial exploded view



ORD G284171

Figure 62. Console, radar control (8158377)—partial exploded view

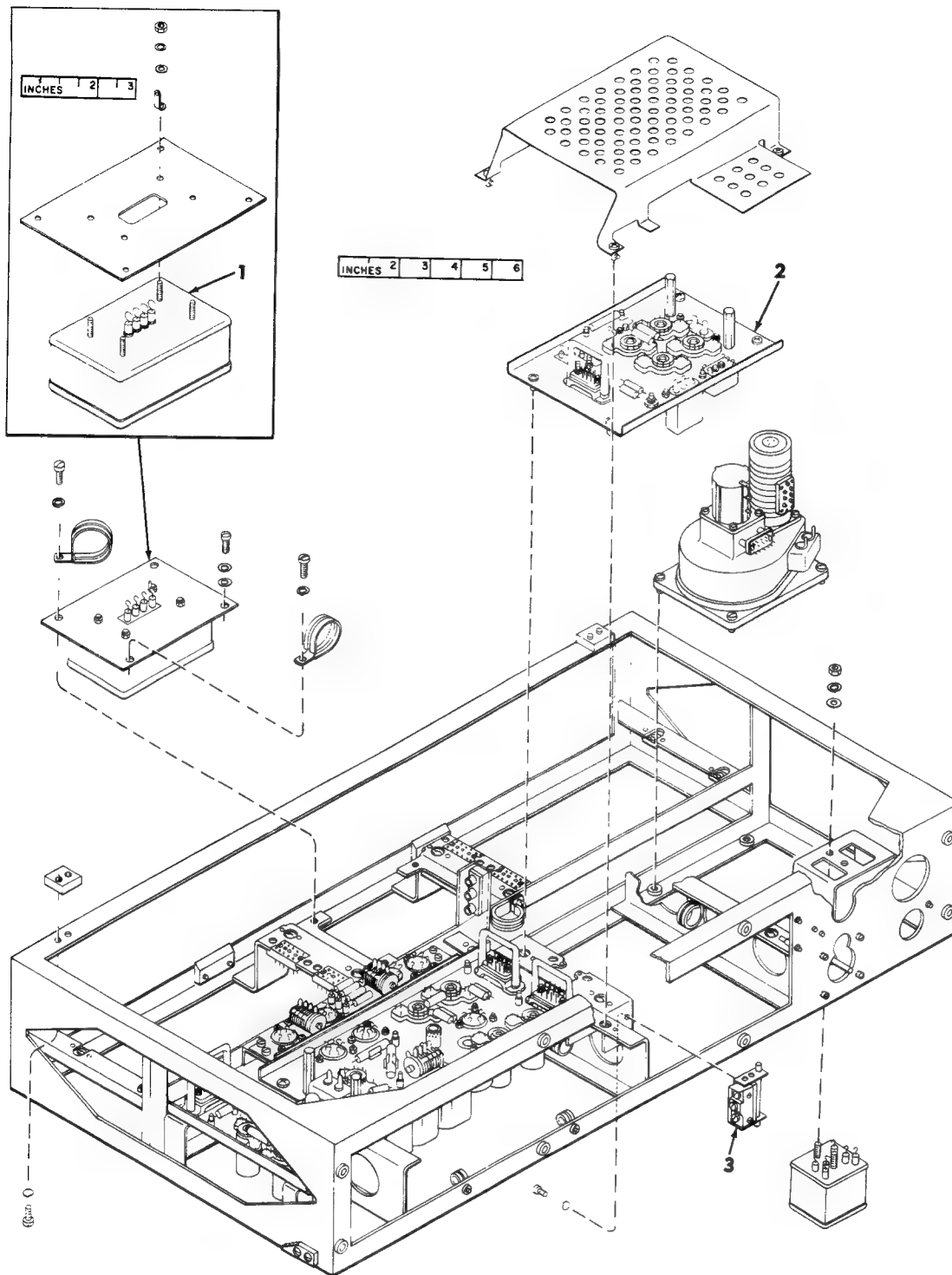


ORD G284172

- |   |           |         |   |      |               |
|---|-----------|---------|---|------|---------------|
| 1 | AMPLIFIER | 9006949 | 5 | LENS | 8175032       |
| 2 | SWITCH    | 8175314 | 6 | LAMP | MS-25231-1819 |
| 3 | LAMP      | NE-51   | 7 | LENS | 8175035       |
| 4 | LENS      | 8175312 |   |      |               |

Figure 63. Control-indicator group (8156375)—partial exploded view

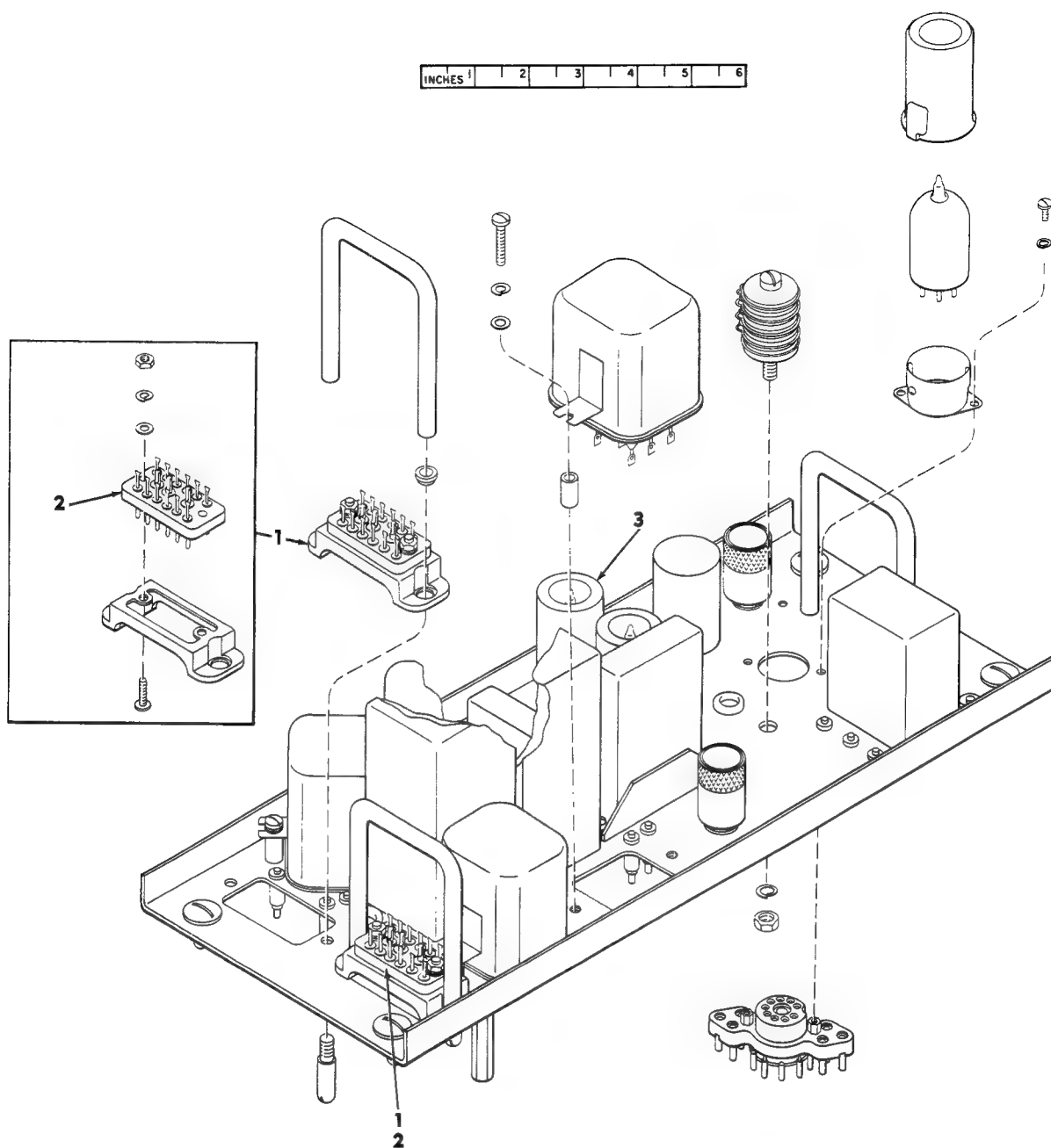




ORD G284173

- 1 REGULATOR 8015382
- 2 SIMULATOR 8009261
- 3 SWITCH 7602749

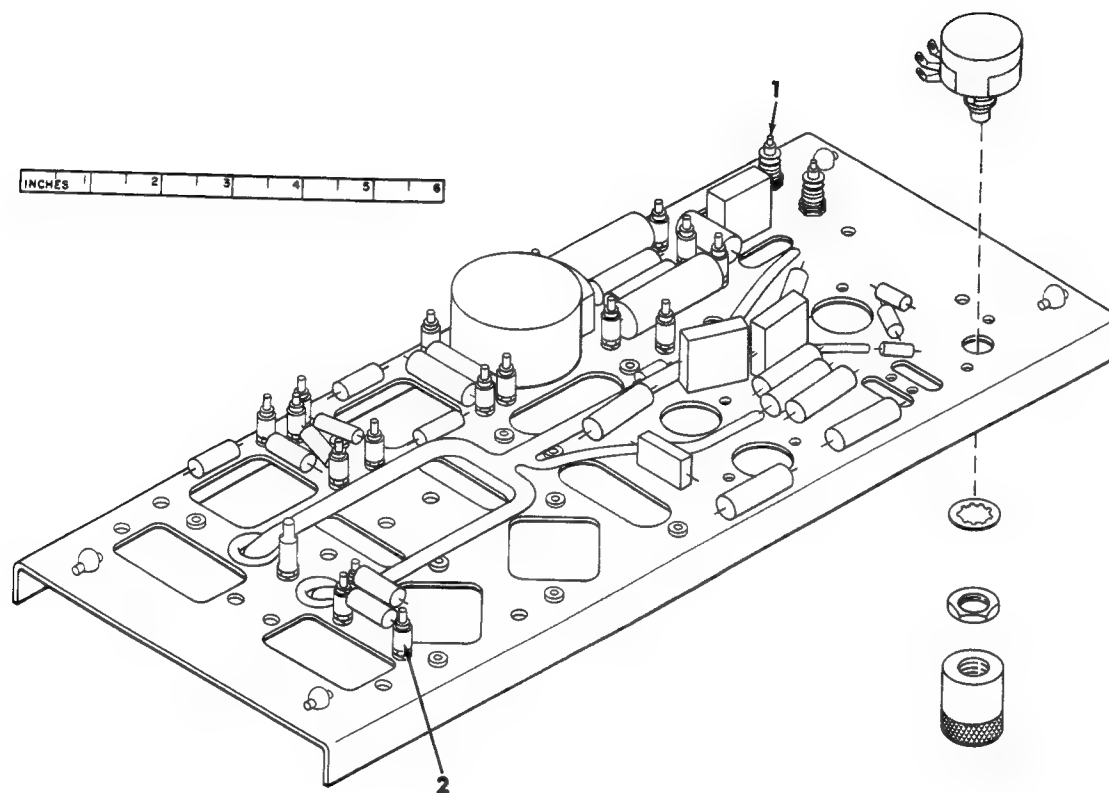
Figure 64. Control-indicator group (8158375)—partial exploded view



ORD G284175

- 1 CONNECTOR 7598051
- 2 CONNECTOR 7598934
- 3 ELECTRON TUBE 5755

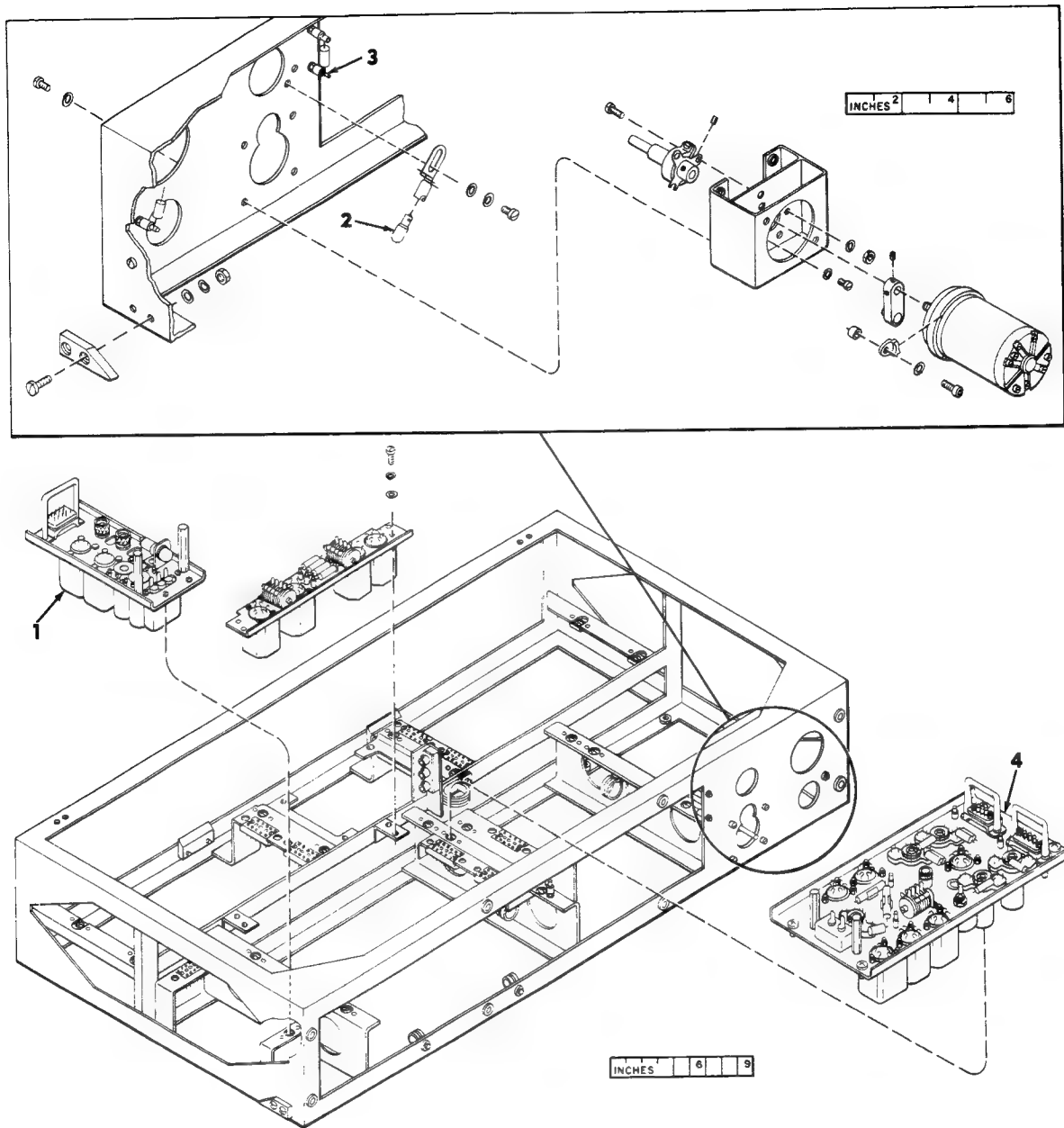
Figure 67. Amplifier, electronic control (9006949)—partial exploded view



ORD G284176

- 1 JACK 8134425
- 2 TERMINAL 7598949

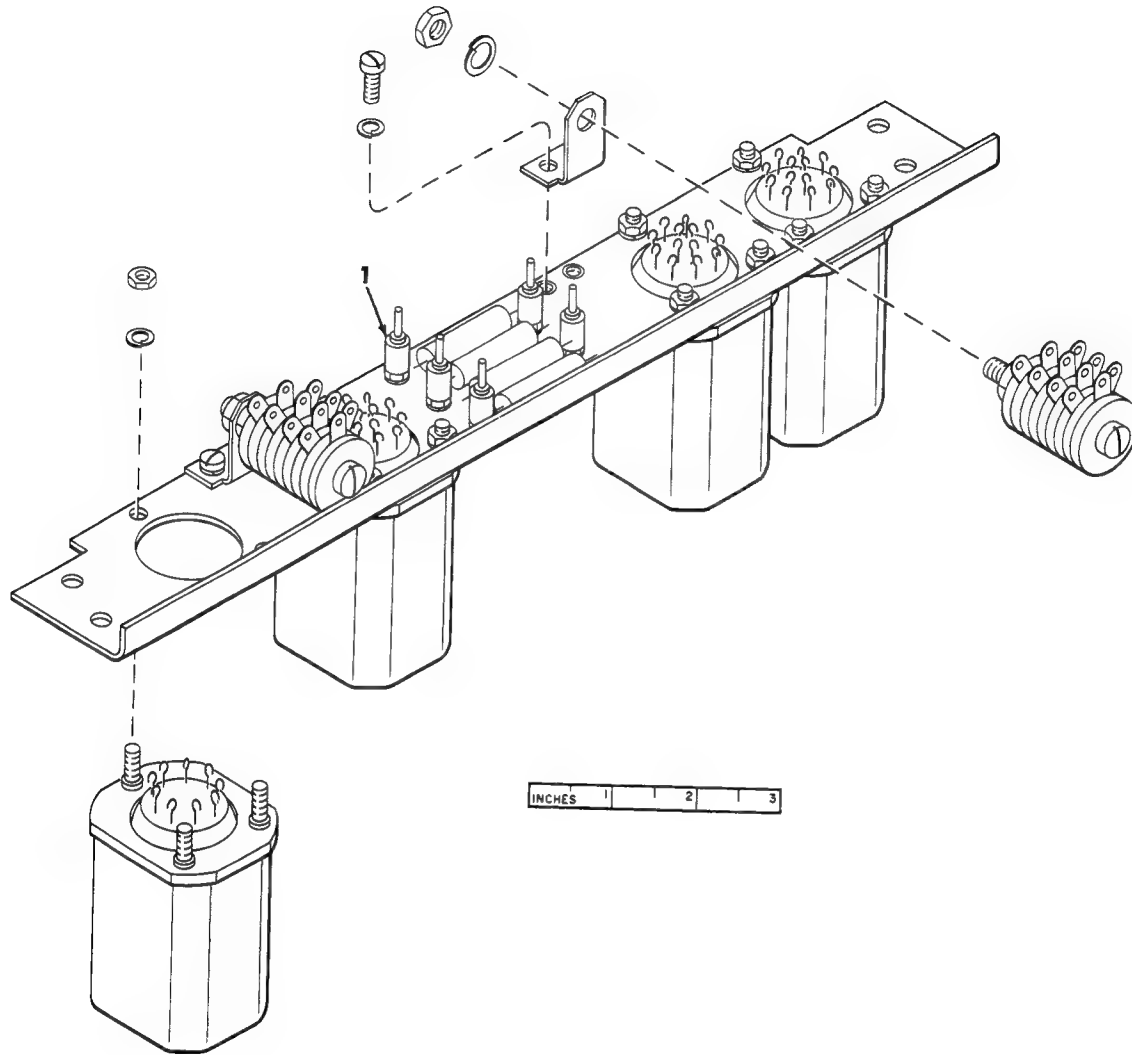
Figure 68. Amplifier, electronic control (9006949)—partial exploded view



ORD G284174

- 1 AMPLIFIER 9993034
- 2 LAMP MS-15571-2
- 3 TERMINAL 7598949
- 4 AMPLIFIER 8517364

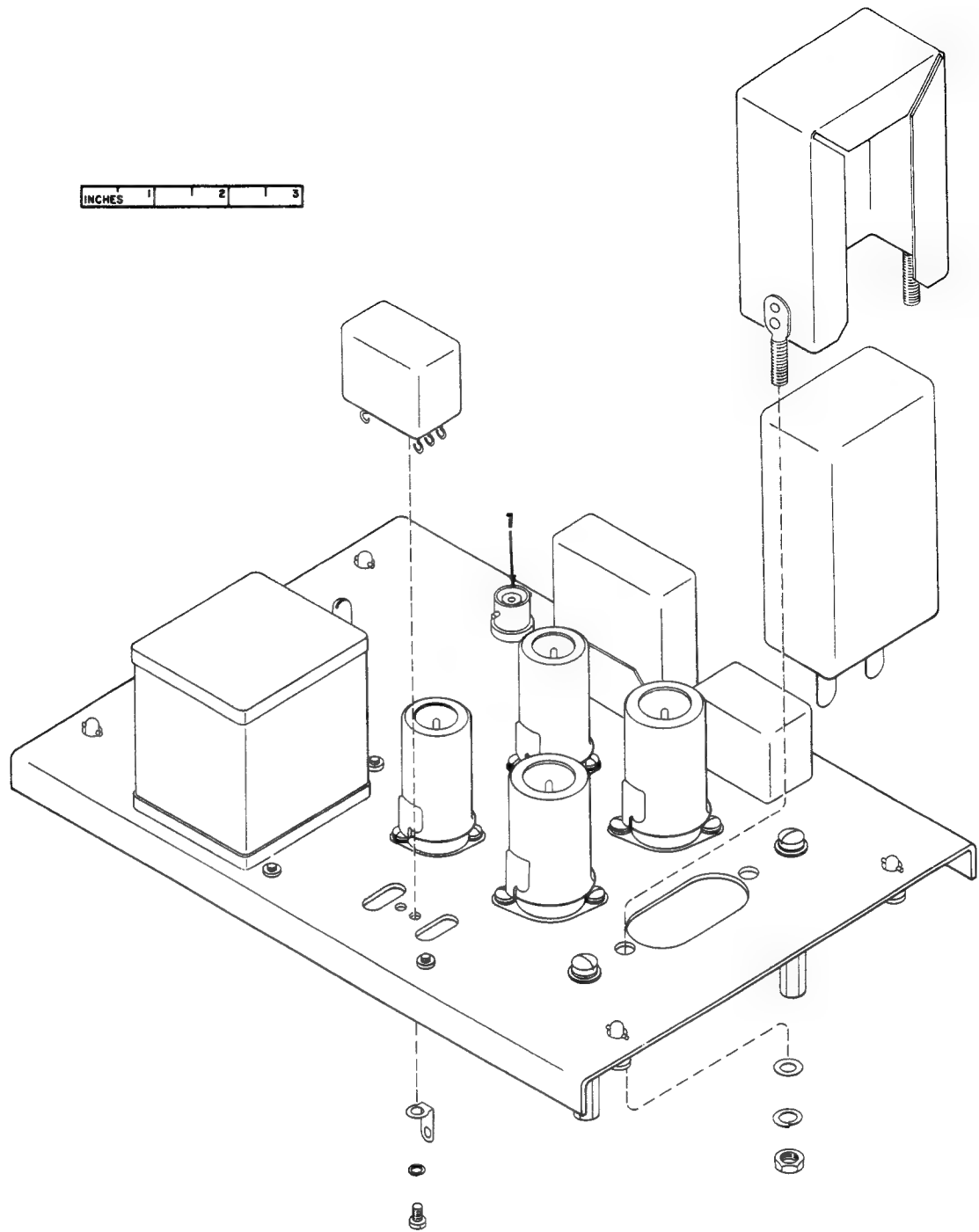
Figure 65. Control-indicator group (8158375)—partial exploded view



ORD G259935

1 TERMINAL 7598949

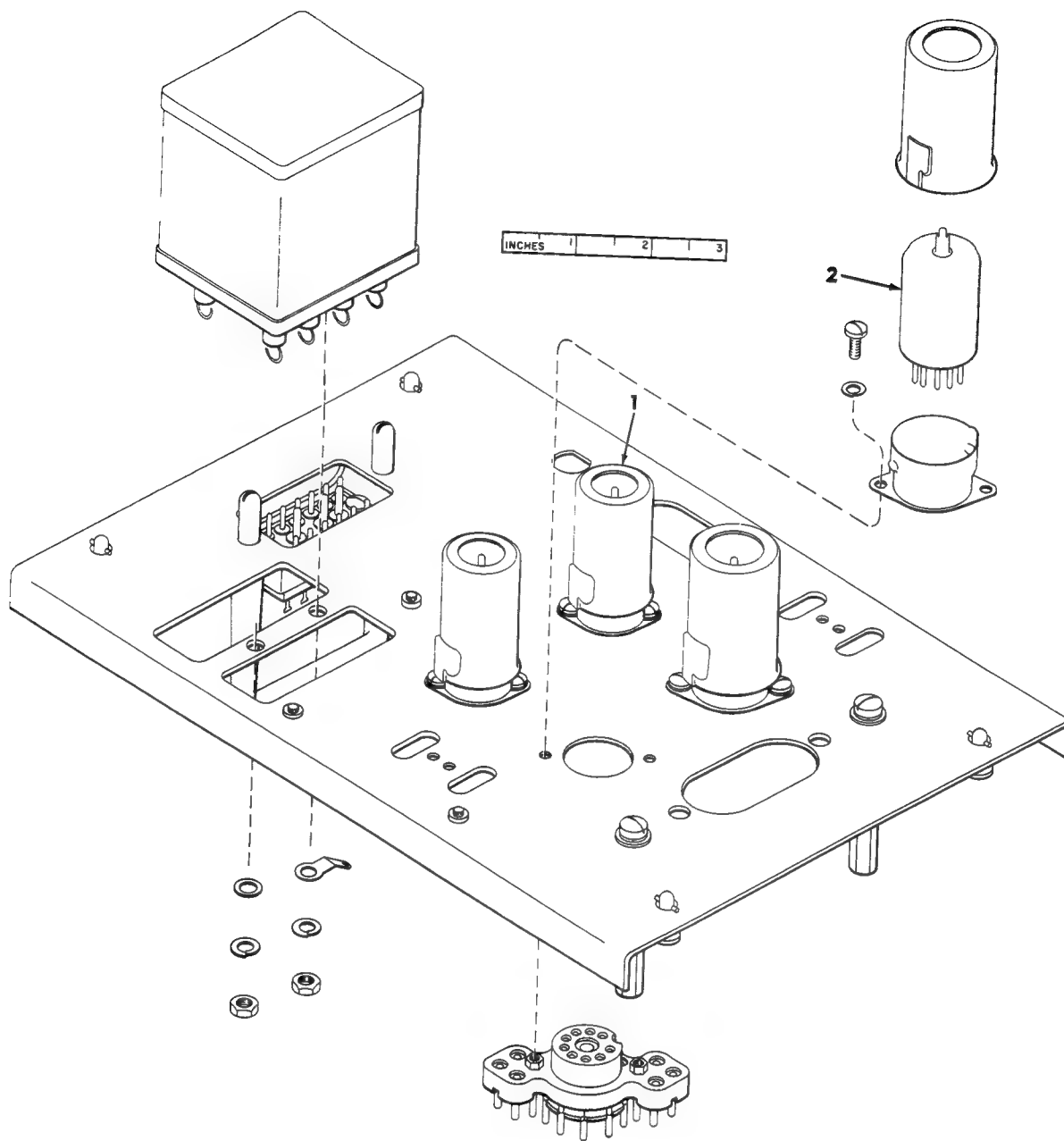
Figure 66. Relay assembly (8511352)—exploded view



ORD G284177

1 CONNECTOR MS-27035-625B

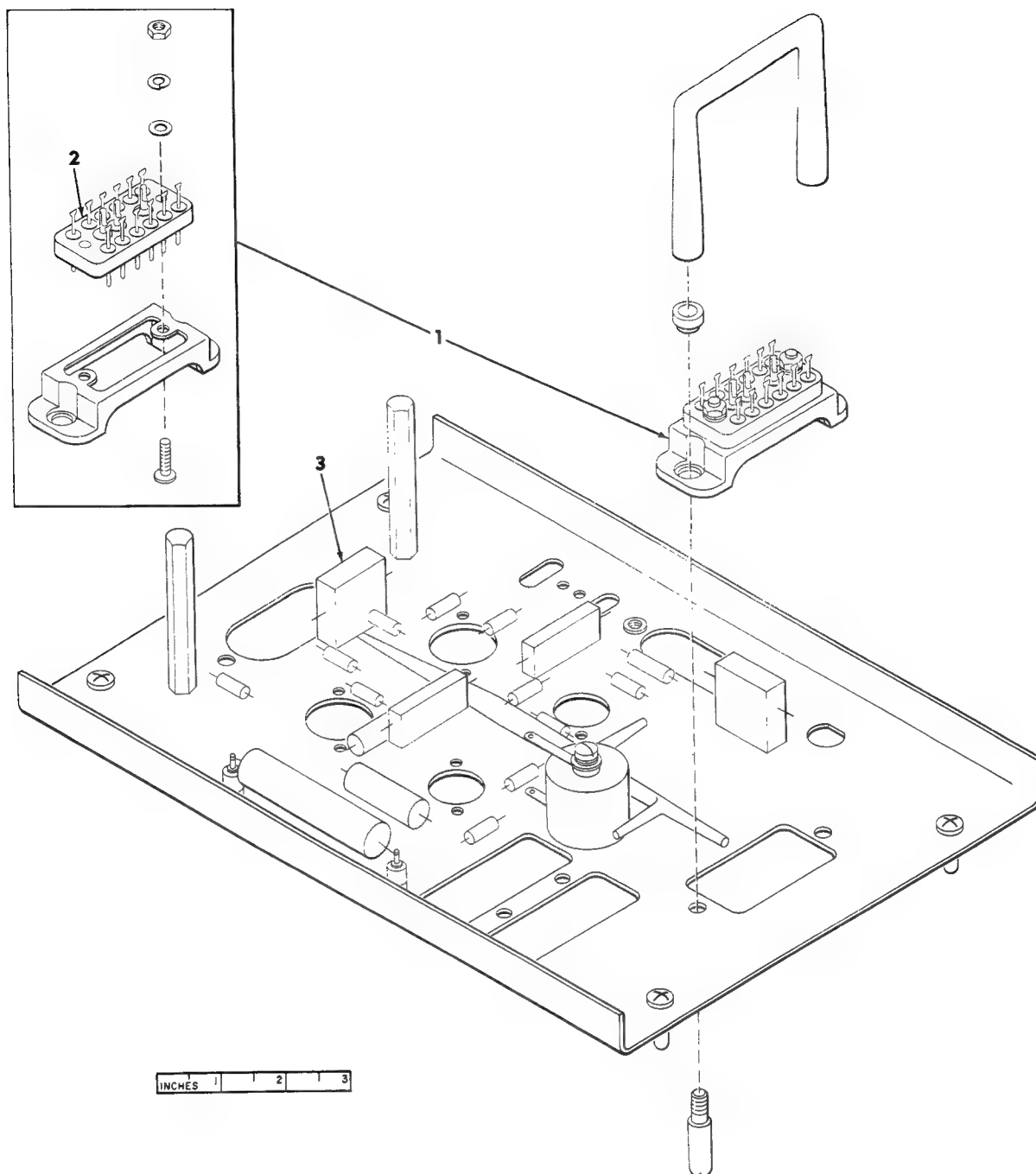
Figure 69. Simulator, radar signal SM-76/M (8009261)—partial exploded view



ORD G284178

- 1 ELECTRON TUBE 5726/6AL5W
- 2 ELECTRON TUBE 5670

Figure 70. Simulator, radar signal SM-76/M (8009261)—partial exploded view

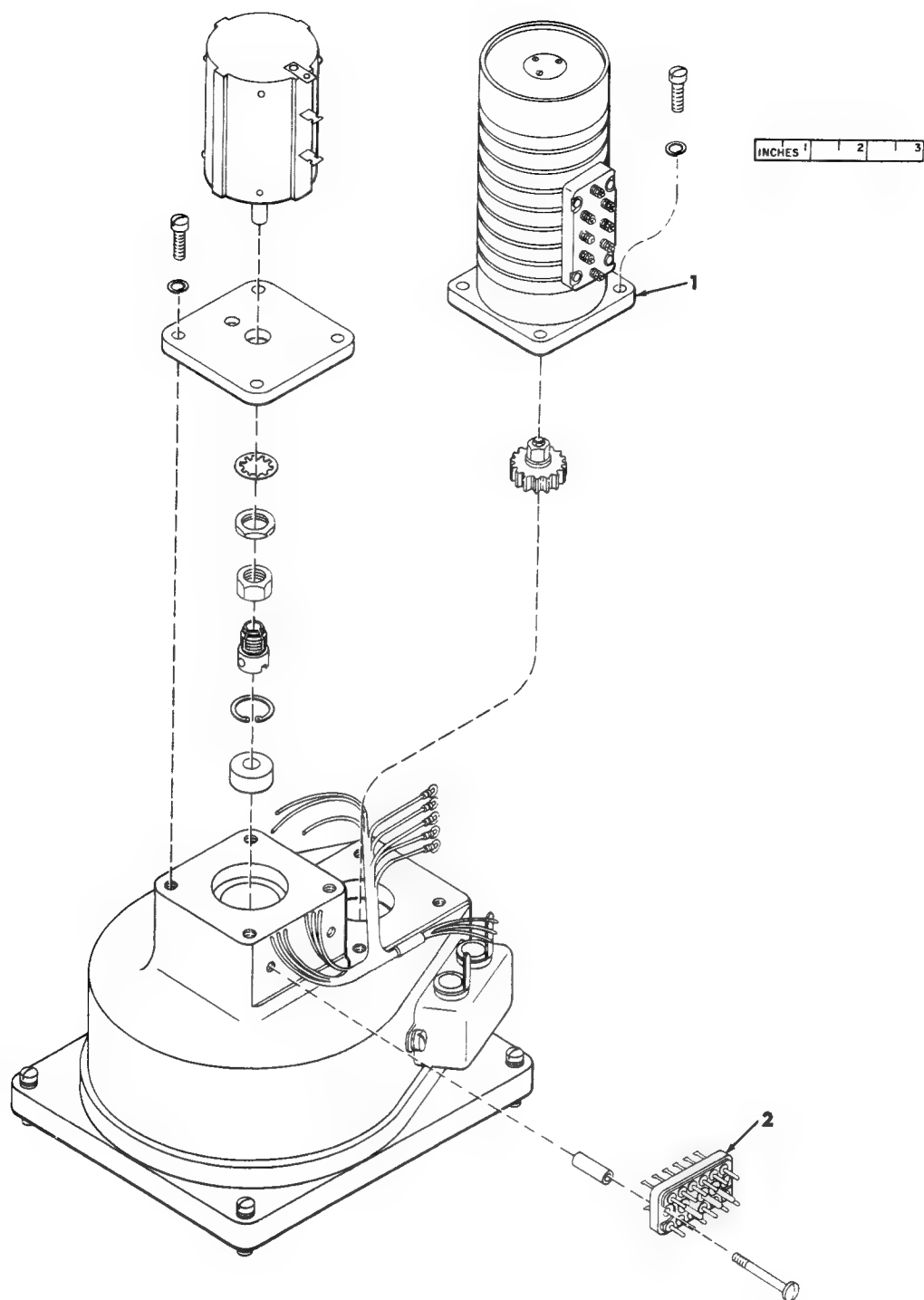


ORD G284179

- |   |           |           |
|---|-----------|-----------|
| 1 | CONNECTOR | 7598051   |
| 2 | CONNECTOR | 7598934   |
| 3 | CAPACITOR | CM35E103J |

Figure 71. Simulator, radar signal SM-76/M (8009261)—partial exploded view

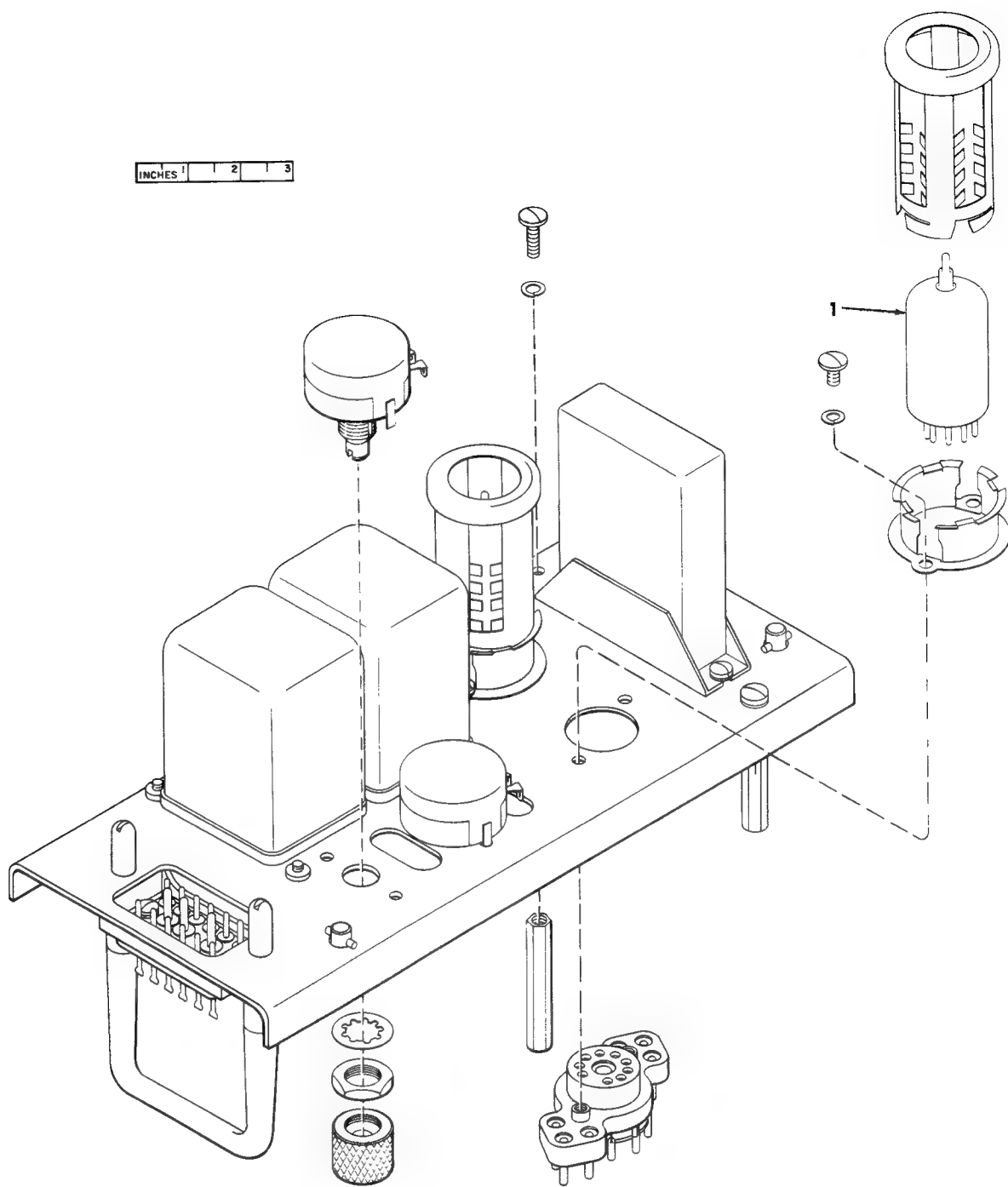




- 1 MOTOR-GENERATOR 7605334  
2 CONNECTOR 7598934

ORD G284180

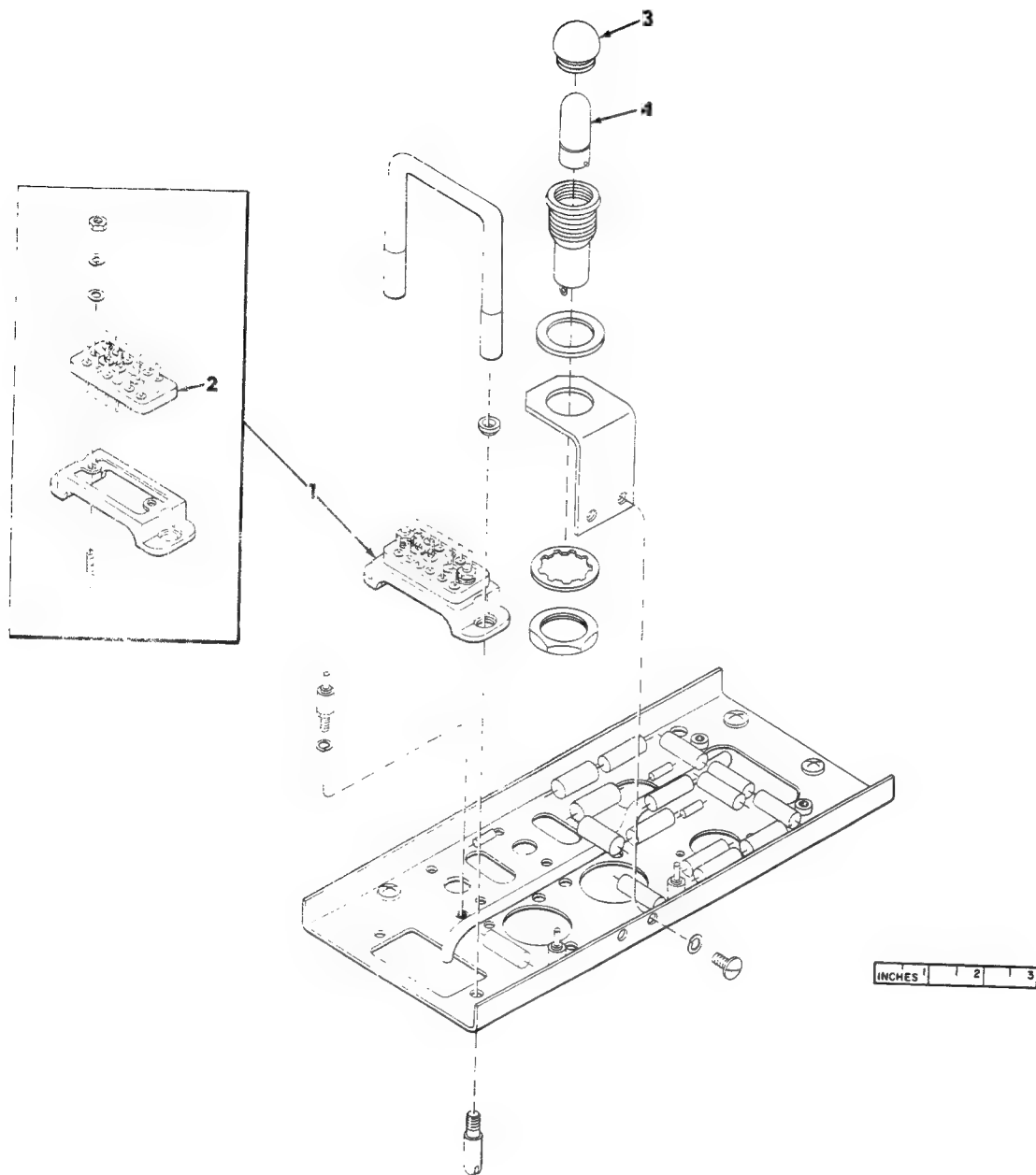
Figure 72. Control, simulator (8009340)—exploded view



ORD G284181

1 ELECTRON TUBE 5814A

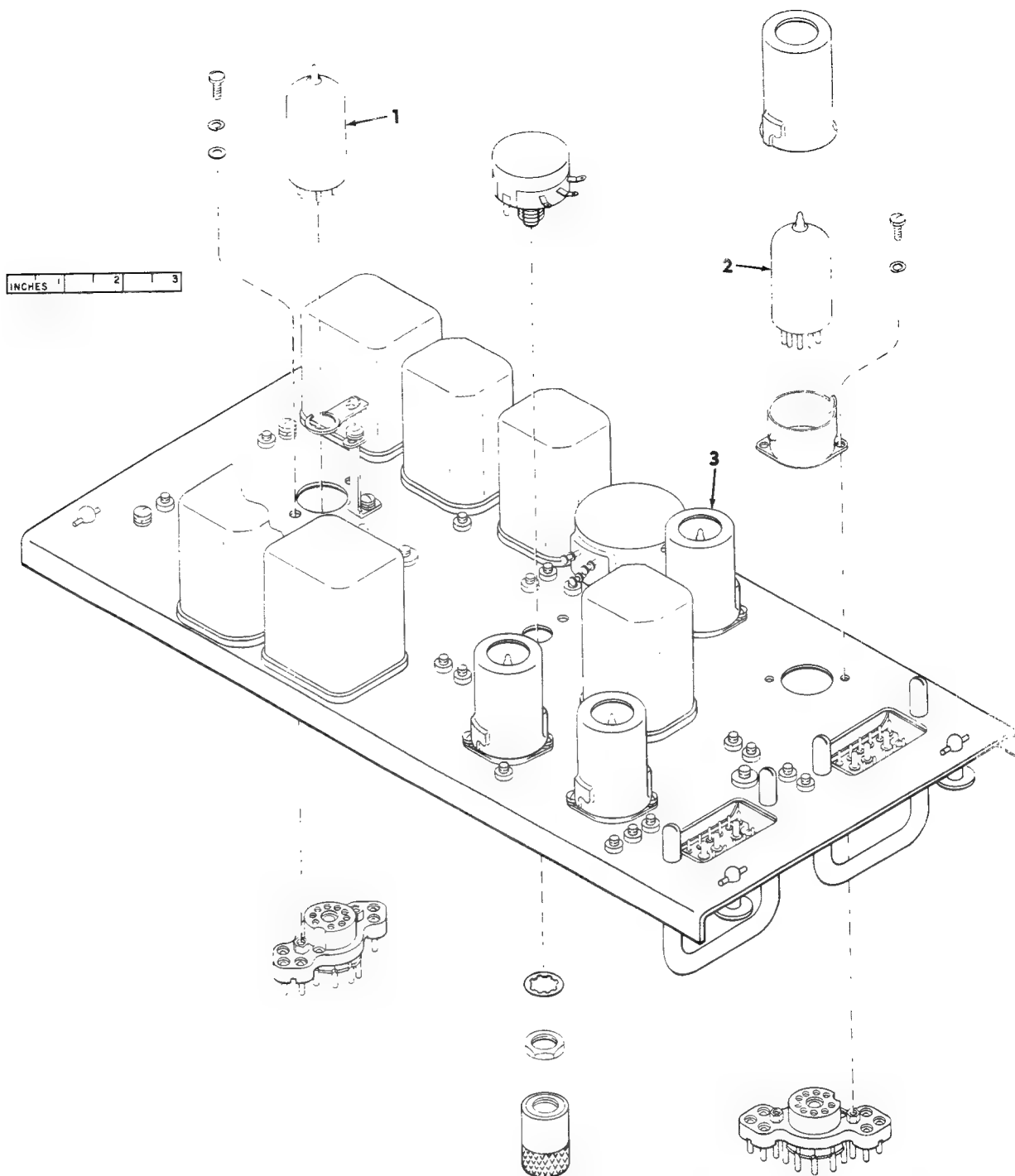
Figure 73. Amplifier, electronic control (9993034)—partial exploded view



- 1 CONNECTOR 7598051
- 2 CONNECTOR 7598934
- 3 LENS 8175035
- 4 LAMP 7605718

ORD G263381

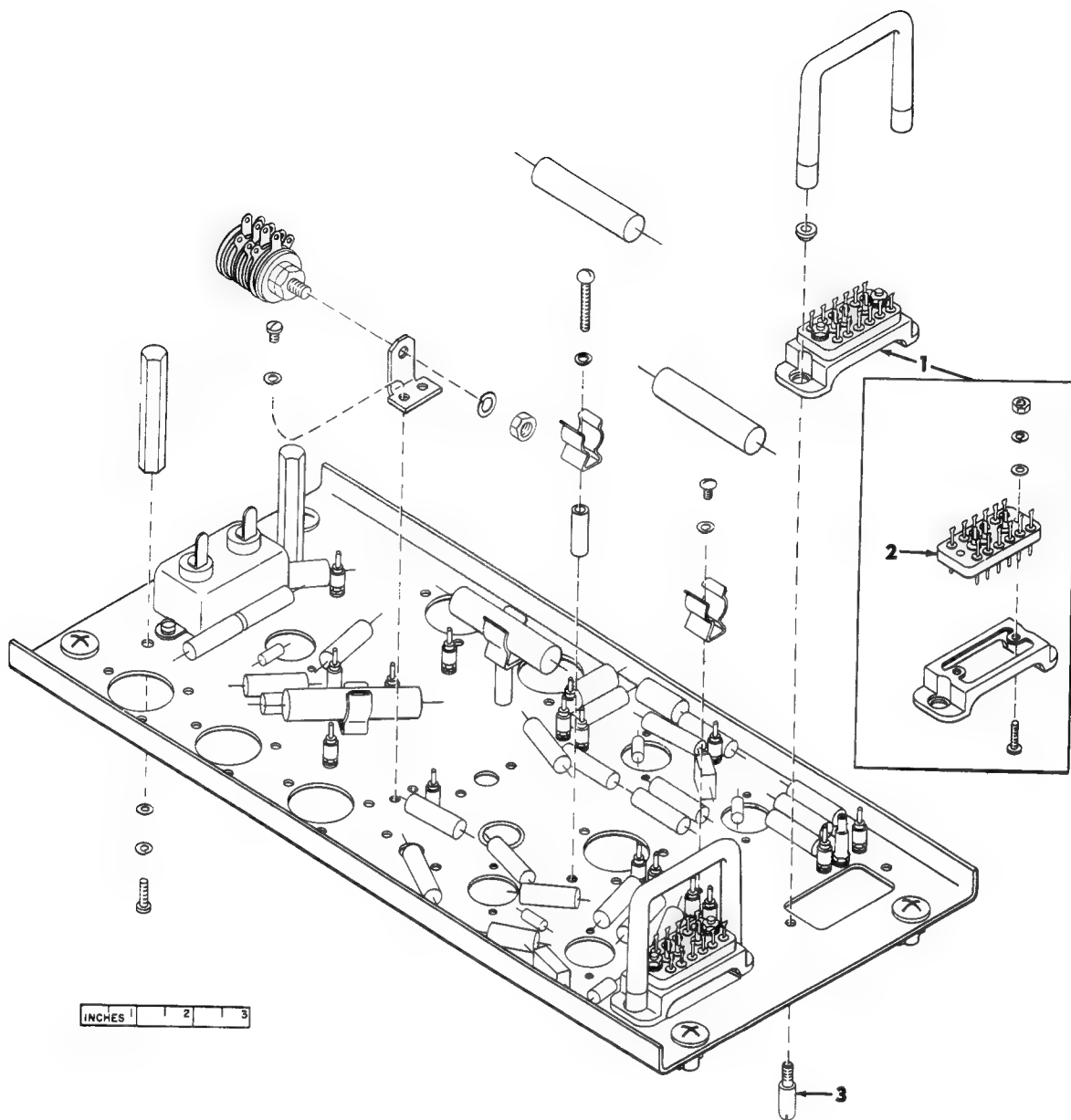
Figure 74. Amplifier, electronic control (9993034)—partial exploded view



ORD G284182

- |   |               |        |
|---|---------------|--------|
| 1 | ELECTRON TUBE | 5687WA |
| 2 | ELECTRON TUBE | 5755   |
| 3 | ELECTRON TUBE | 5814A  |

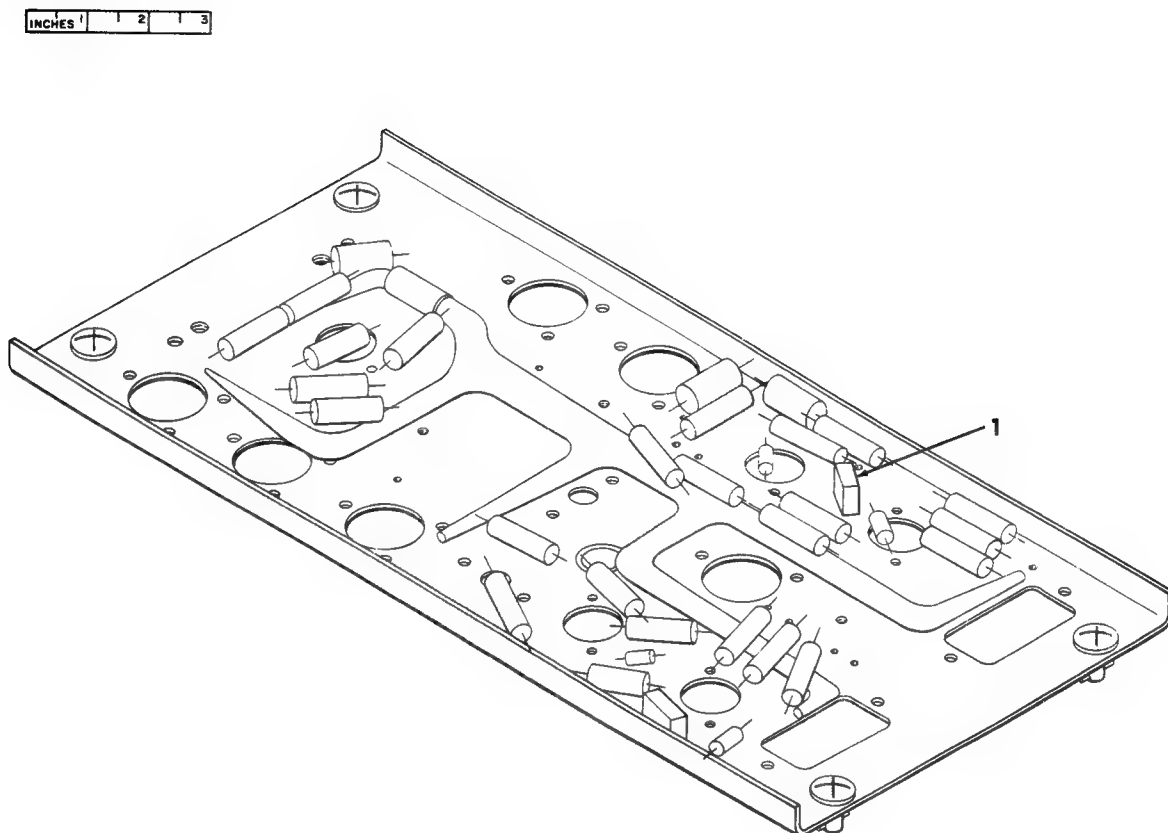
Figure 75. Amplifier, electronic control (9993034)—partial exploded view



ORD G259941

- 1 CONNECTOR 7598051
- 2 CONNECTOR 7598934
- 3 TERMINAL 7598949

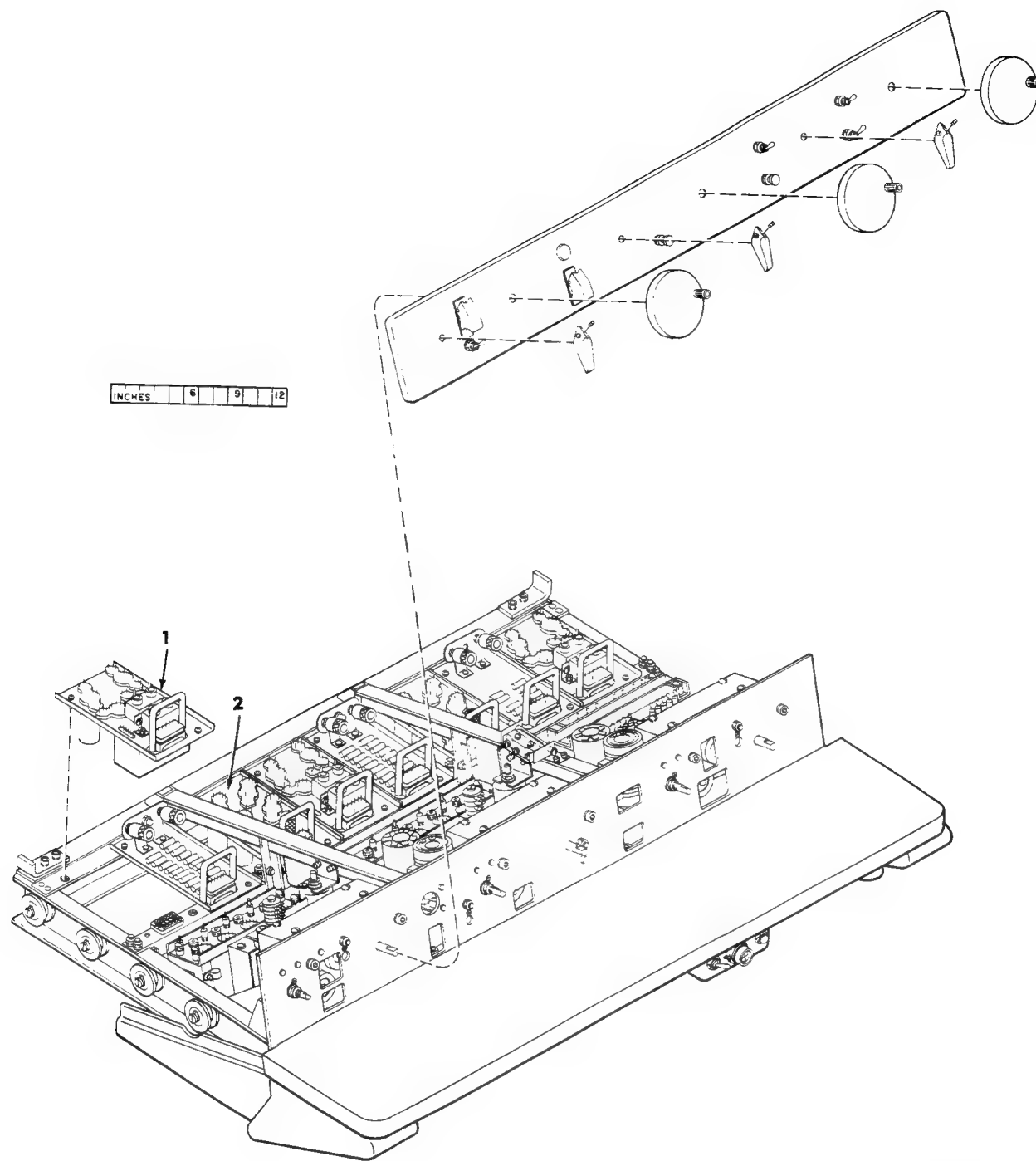
Figure 76. Amplifier, electronic control (8517364)—partial exploded view



ORD G284183

1 CAPACITOR CM35E103J

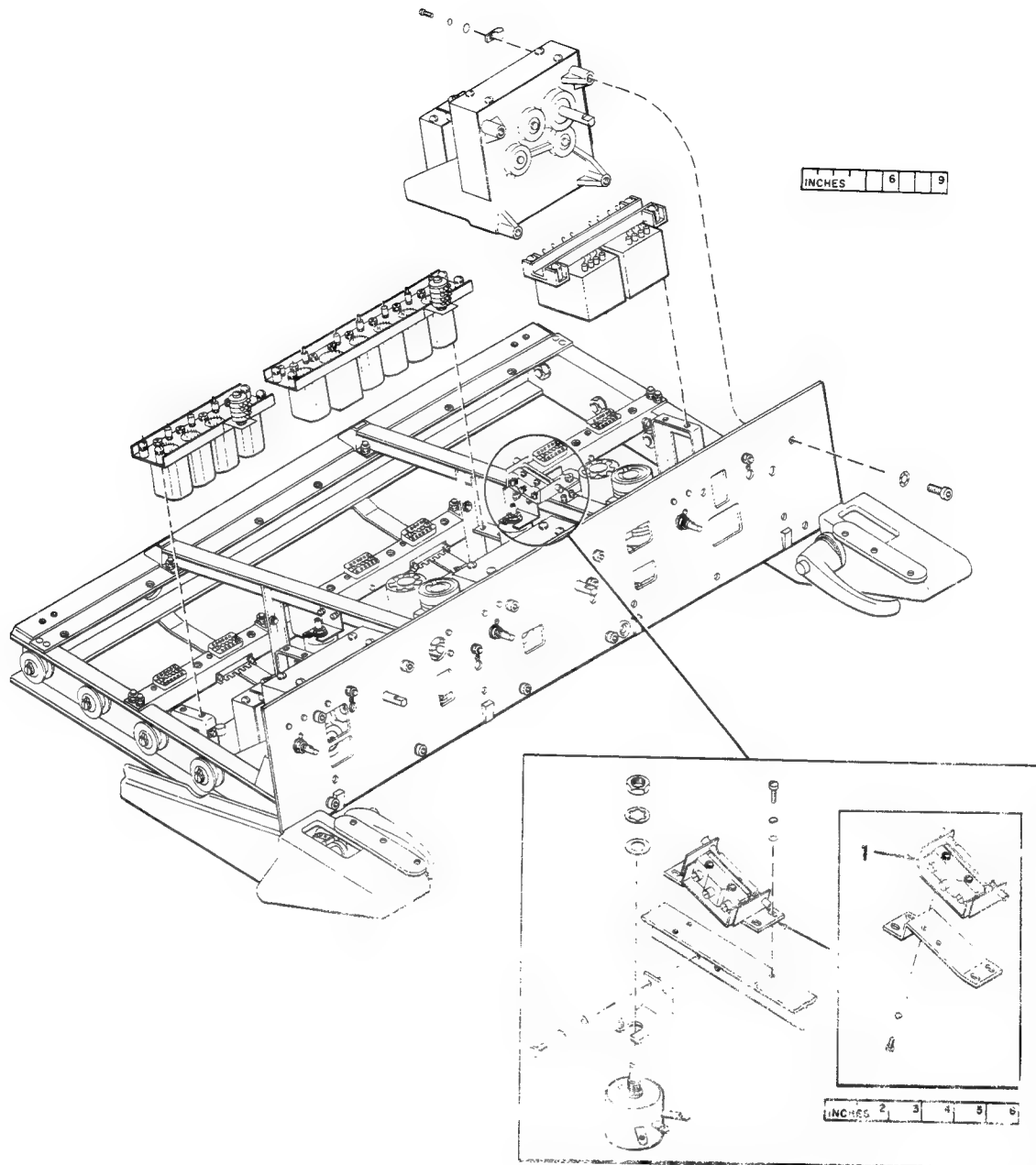
Figure 77. Amplifier, electronic control (8517364)—partial exploded view



ORD G78614

- 1 AMPLIFIER 7614253
- 2 AMPLIFIER 9005495

Figure 78. Control drawer, missile track (8511278)—partial exploded view

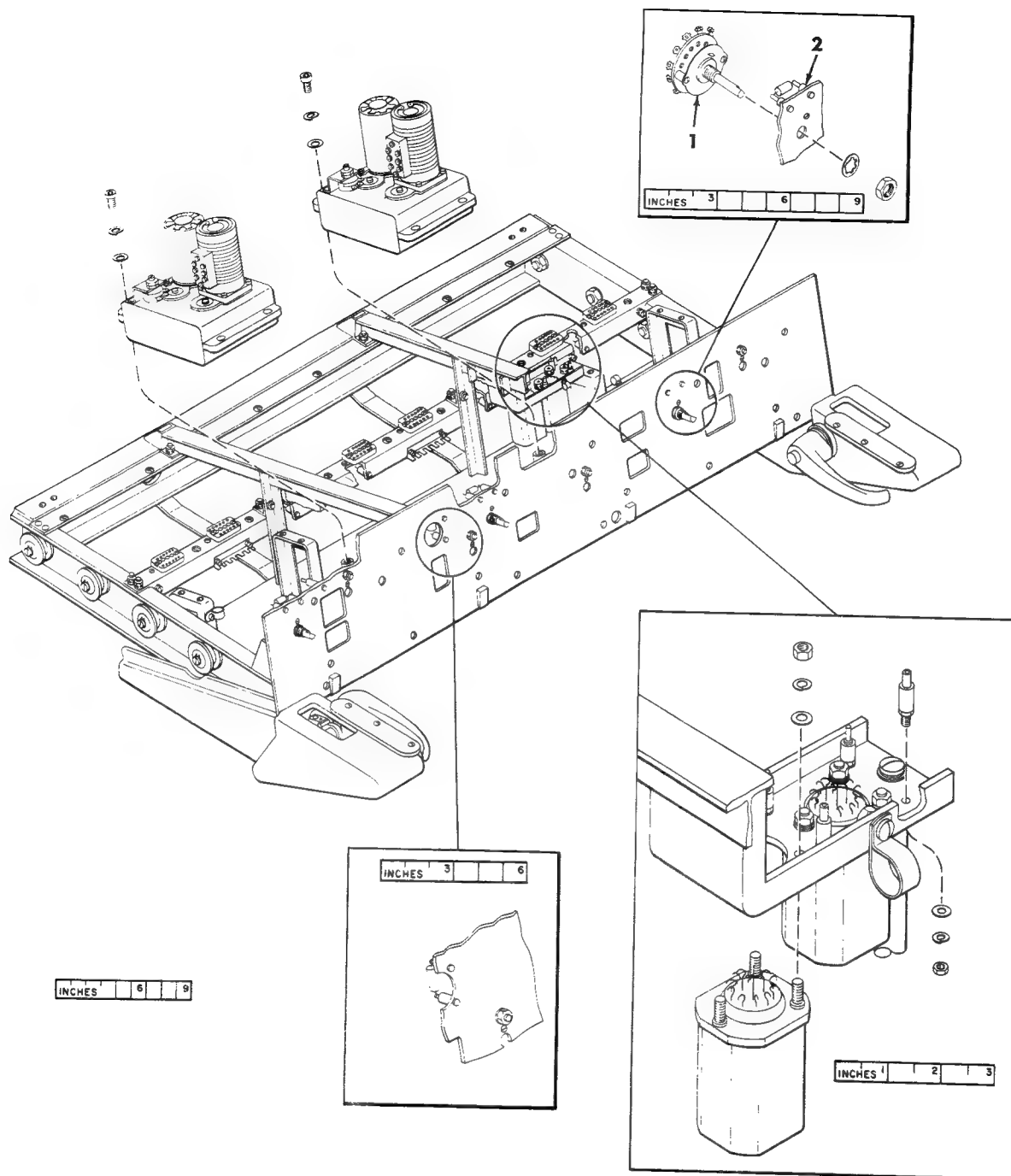


ORD C284'84

1 SWITCH 7602749

Figure 79. Control drawer, missile track (8511278)—partial exploded view





ORD G259942

- 1 SWITCH 8511693
- 2 TERMINAL 7598949

Figure 80. Control drawer, missile track (8511278)—partial exploded view

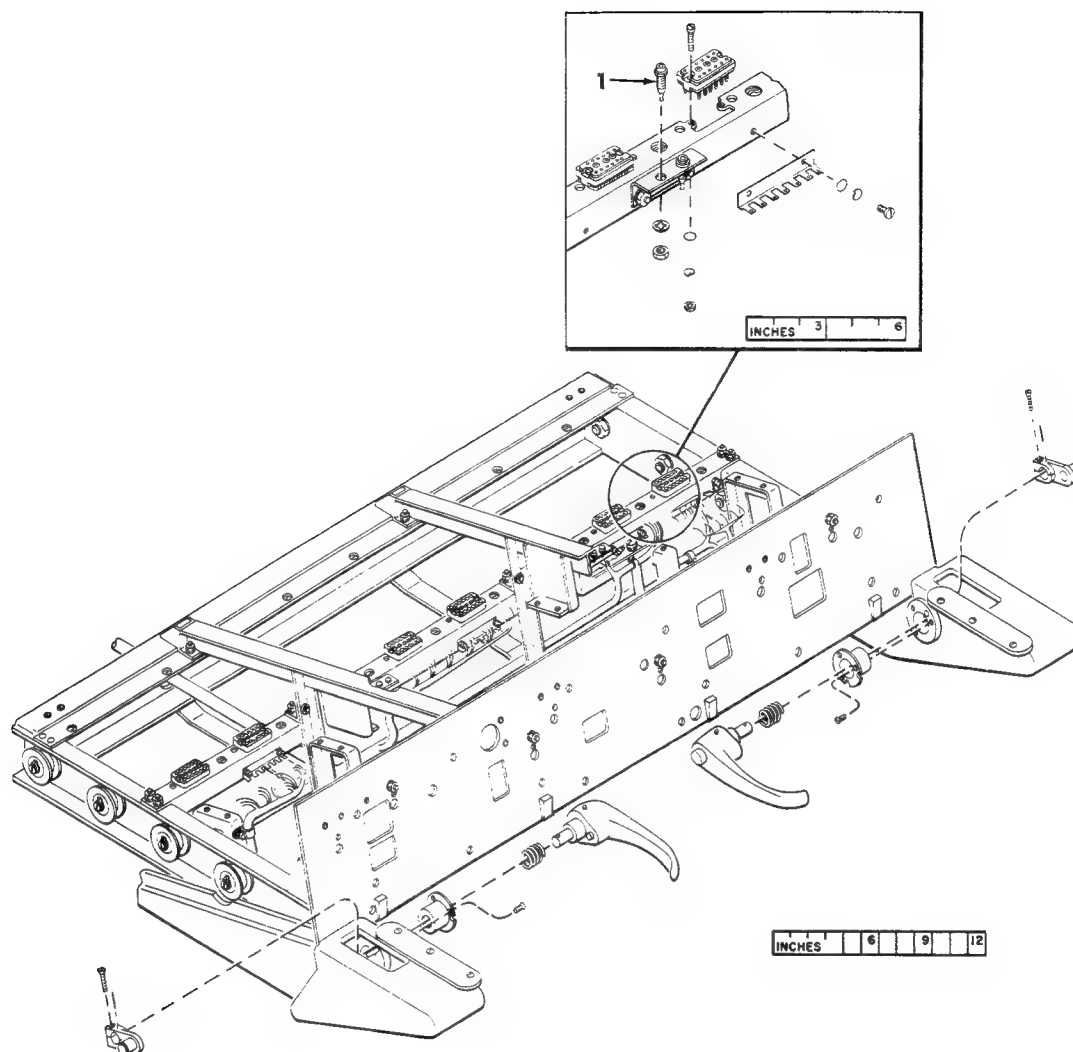
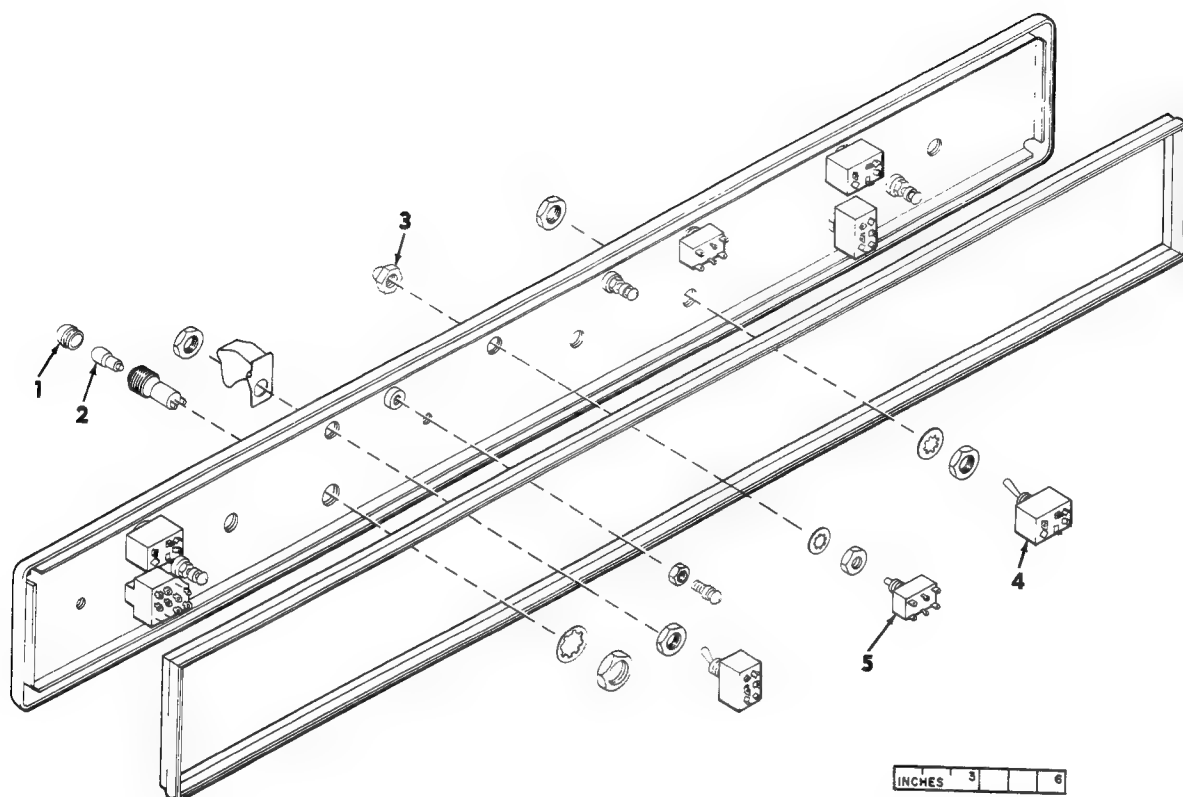


Figure 81. Control drawer, missile track (8511278)—partial exploded view

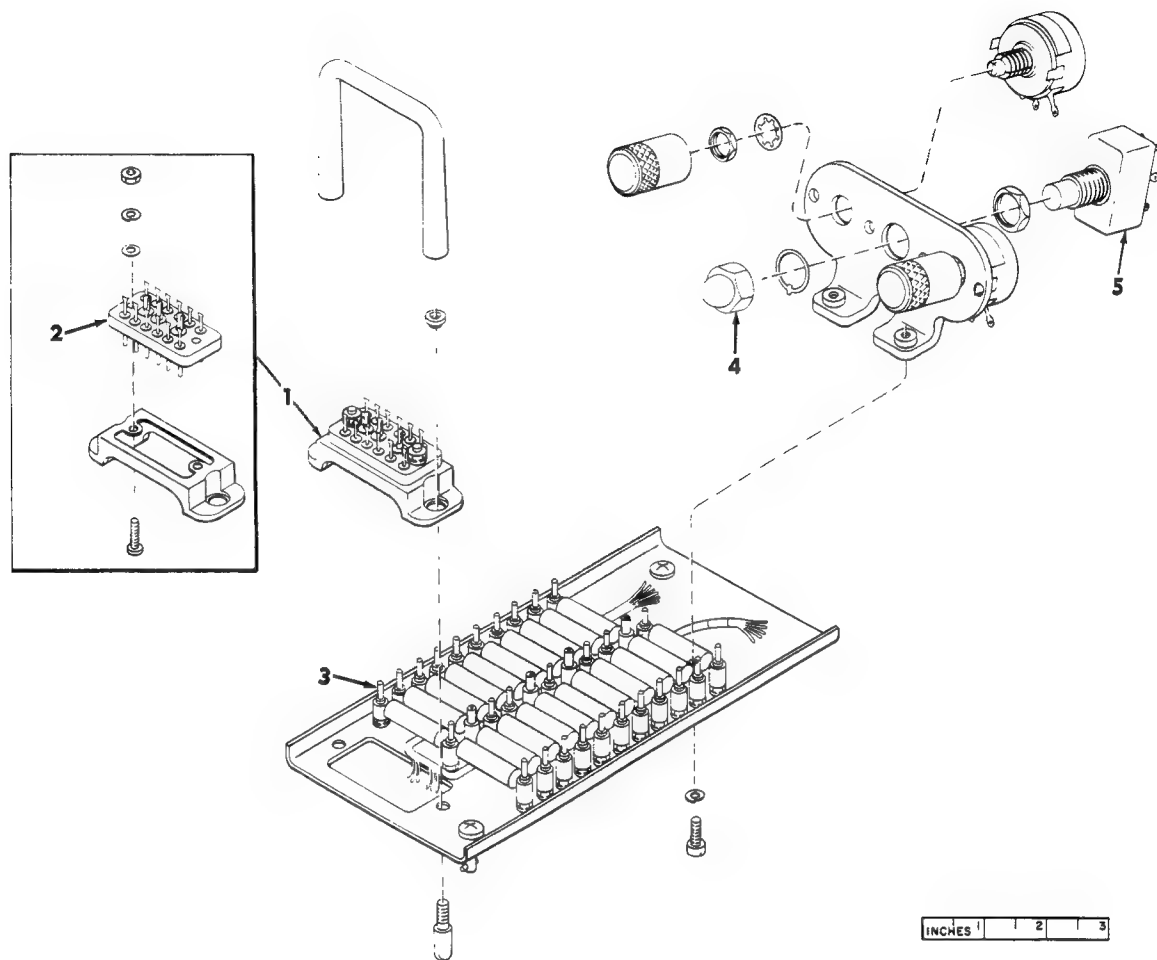
ORD G259943



ORD G284185

- 1 LENS 8328096
- 2 LAMP MS-25231-1819
- 3 BOOT 9017174
- 4 SWITCH MS-35059-26
- 5 SWITCH 9000695

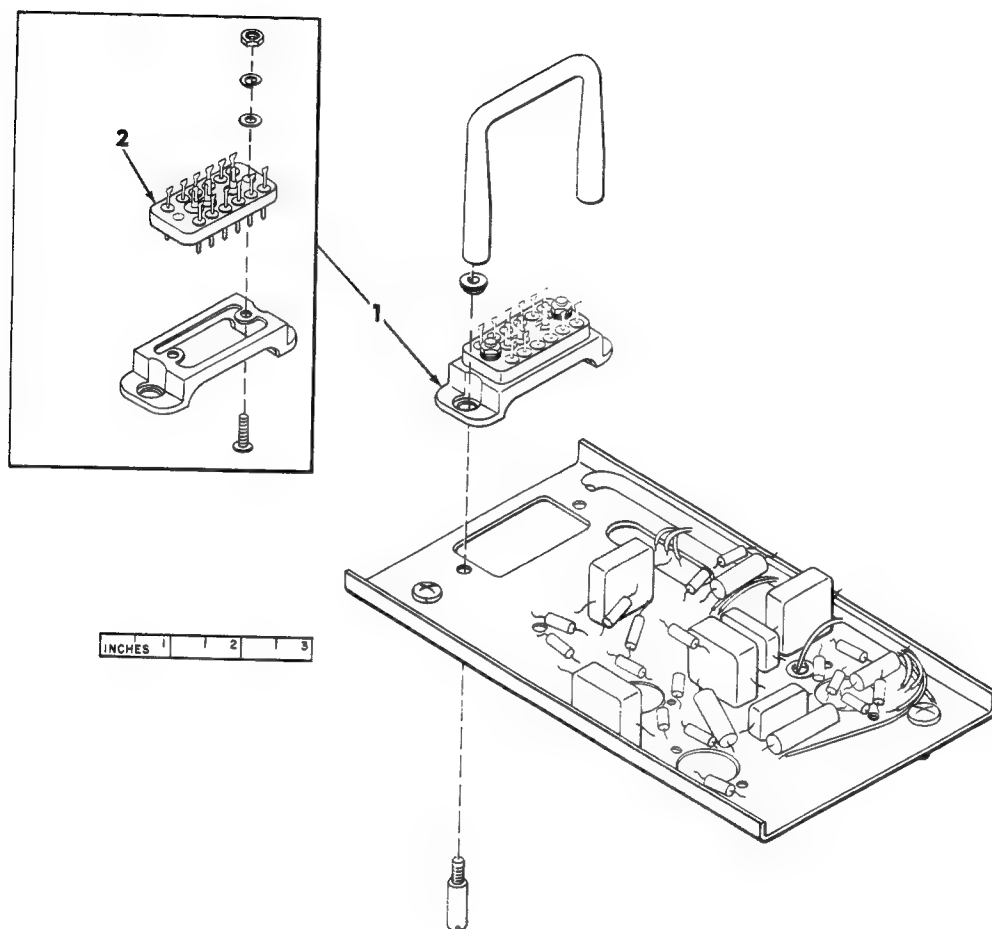
Figure 82. Switch assembly, telephone connecting (9005424)—exploded view



ORD G259945

- 1 CONNECTOR 7598051
- 2 CONNECTOR 7598934
- 3 TERMINAL 7598949
- 4 BOOT 9017174
- 5 SWITCH 9000695

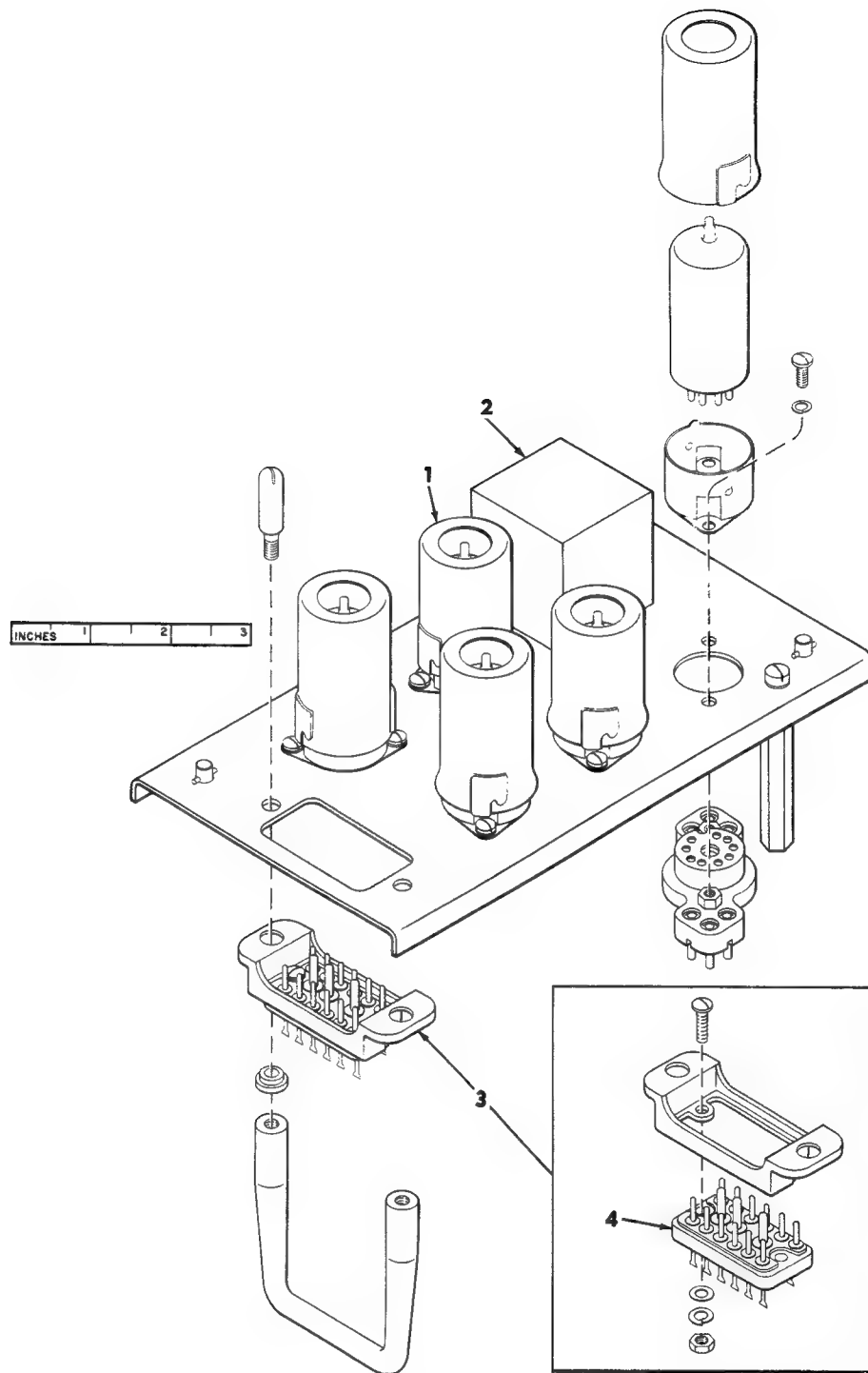
Figure 83. Range indicator subassembly (9980113)—exploded view



ORD G259946

- 1 CONNECTOR 7598051
- 2 CONNECTOR 7598934

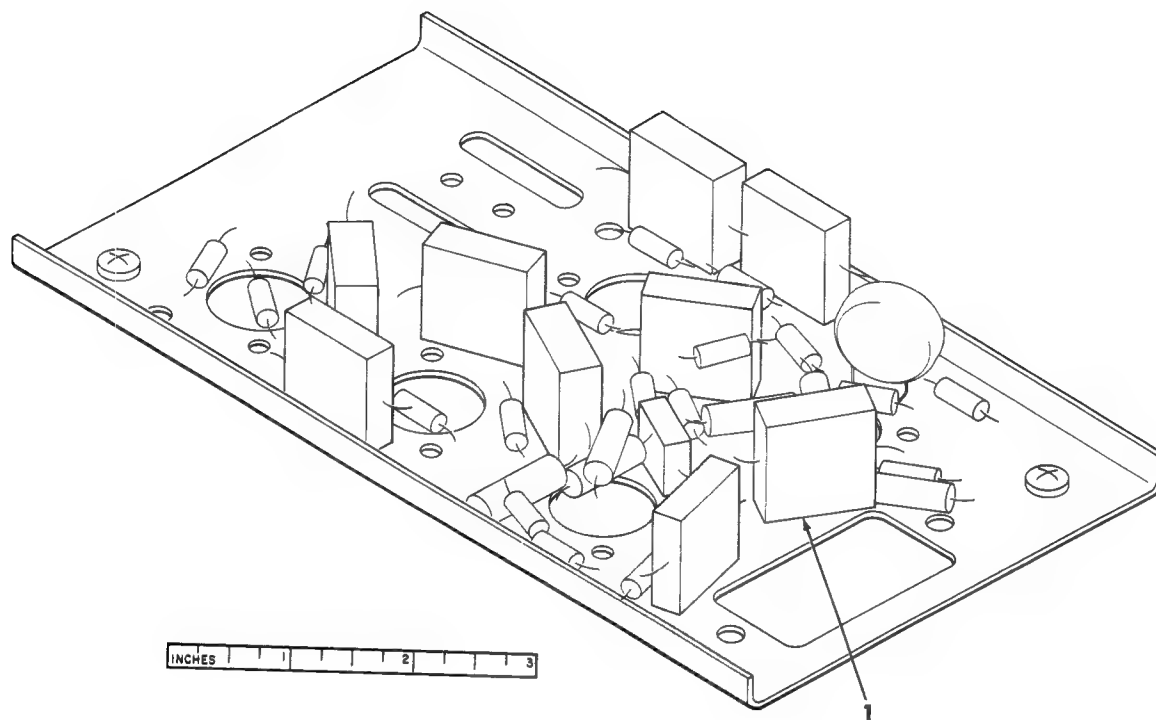
Figure 84. Amplifier, electronic control AM-1056/M (7614253)—exploded view



- 1 ELECTRON TUBE 5670
- 2 TRANSFORMER 8515008
- 3 CONNECTOR 7598051
- 4 CONNECTOR 7598934

ORD G284186

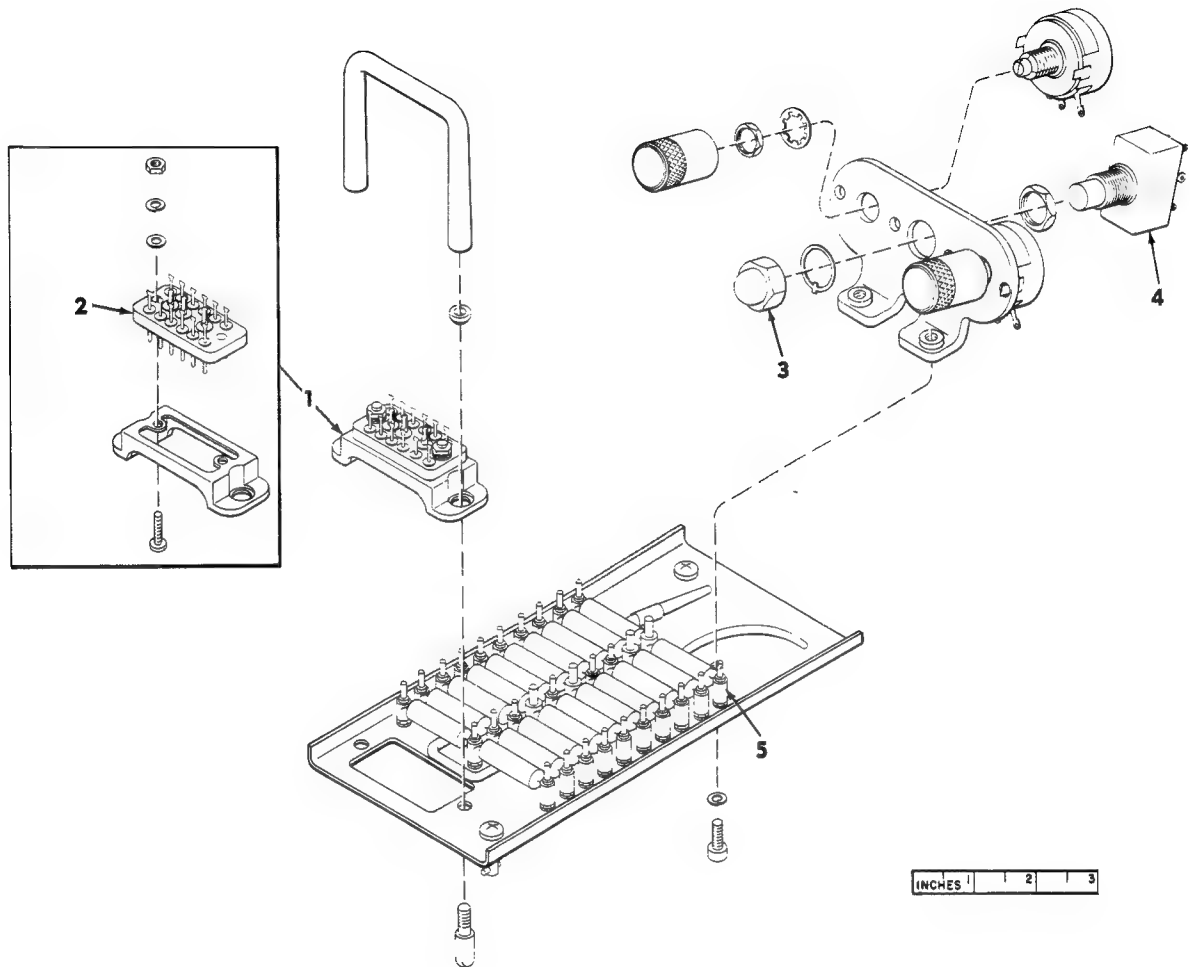
Figure 85. Amplifier, electronic control (9005495)—partial exploded view



ORD G284187

1 CAPACITOR CM35E103J

Figure 86. Amplifier, electronic control (9005495)—partial exploded view

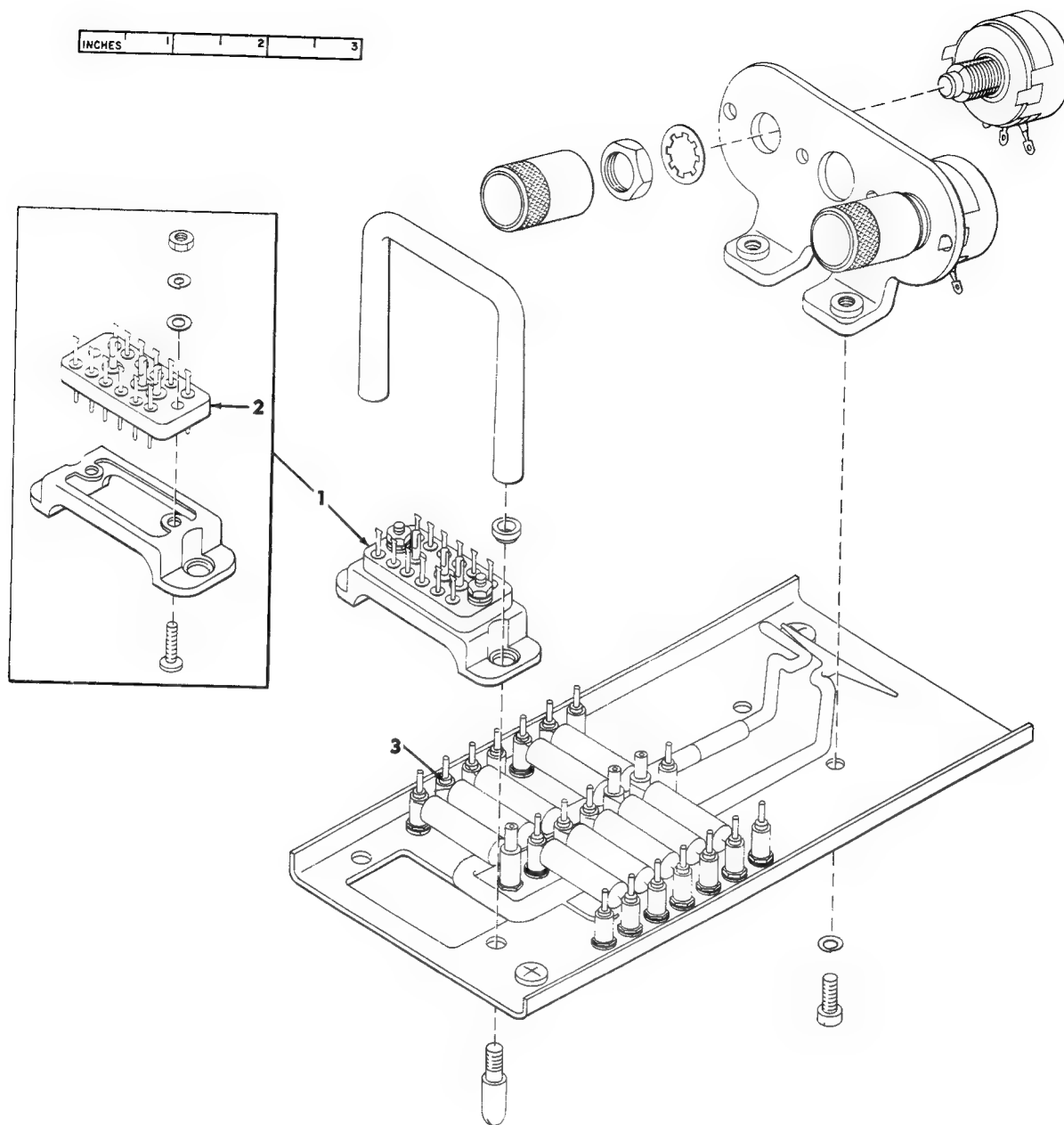


ORD G259948

- 1 CONNECTOR 7598051
- 2 CONNECTOR 7598934
- 3 BOOT 9017174
- 4 SWITCH 9000695
- 5 TERMINAL 7598949

Figure 87. Range indicator subassembly (9980112)—exploded view

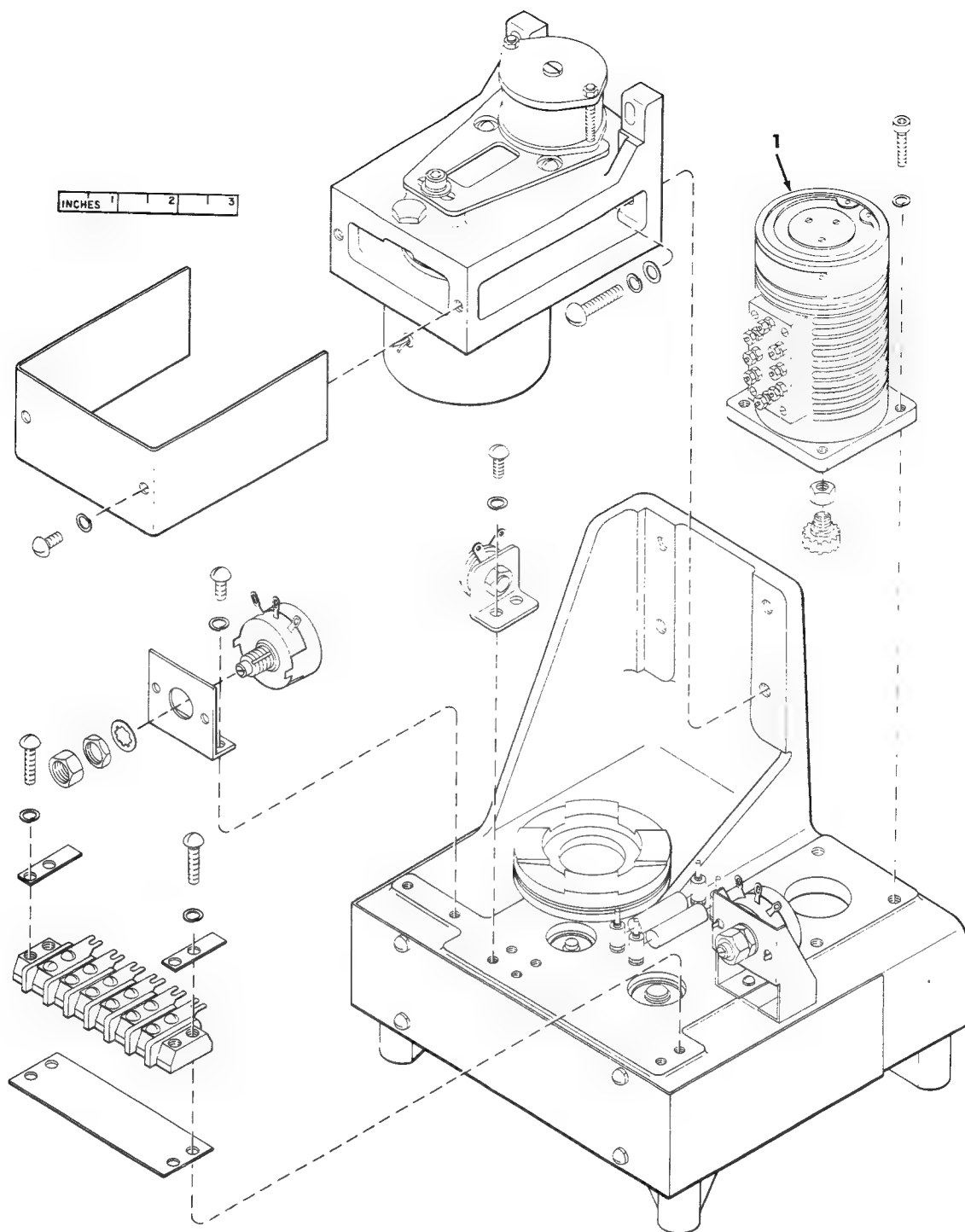




ORD G259949

- 1 CONNECTOR 7598051
- 2 CONNECTOR 7598934
- 3 TERMINAL 7598949

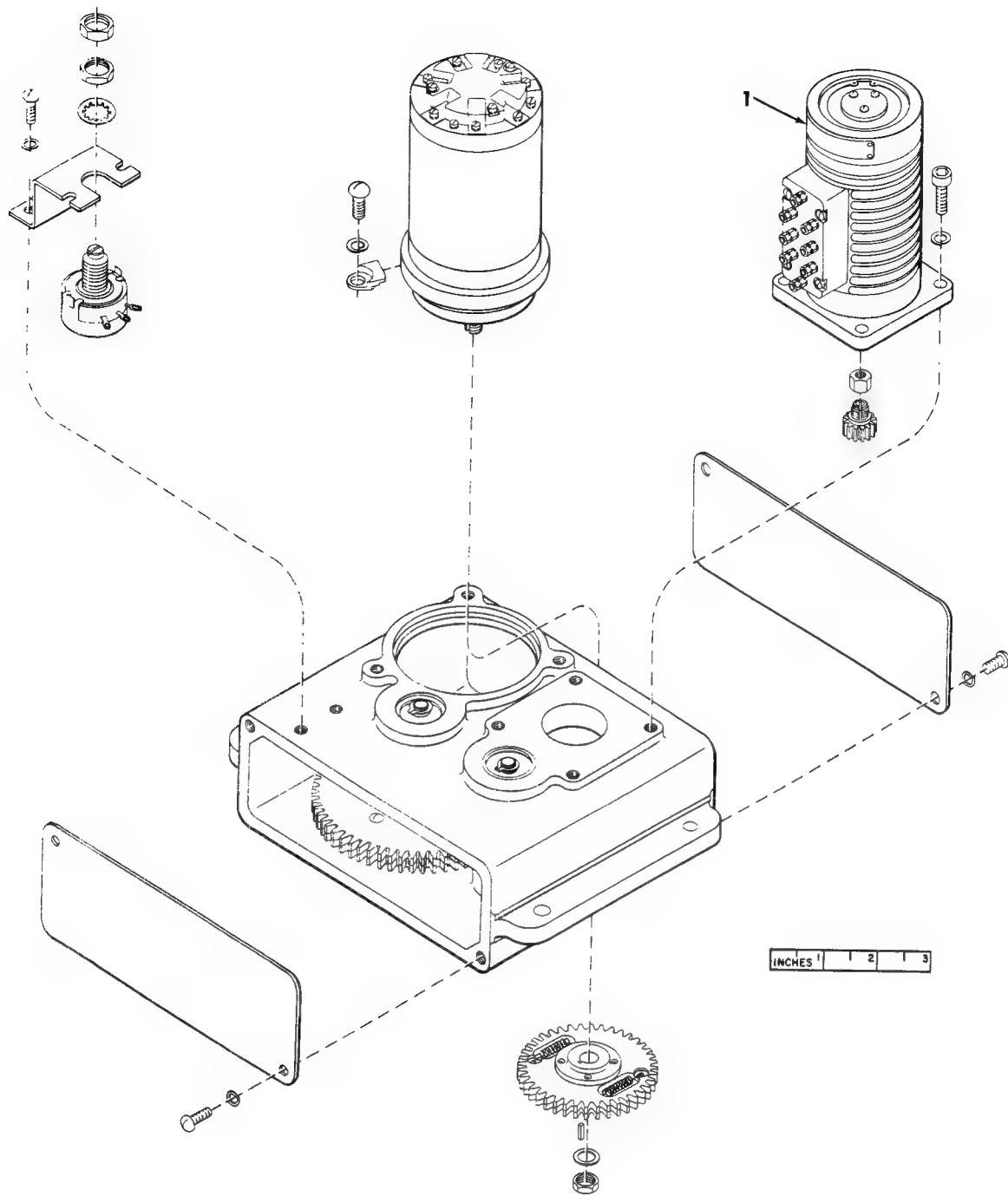
Figure 88. Resistor assembly (8513380)—exploded view



ORD G284188

1 MOTOR-GENERATOR 7605334

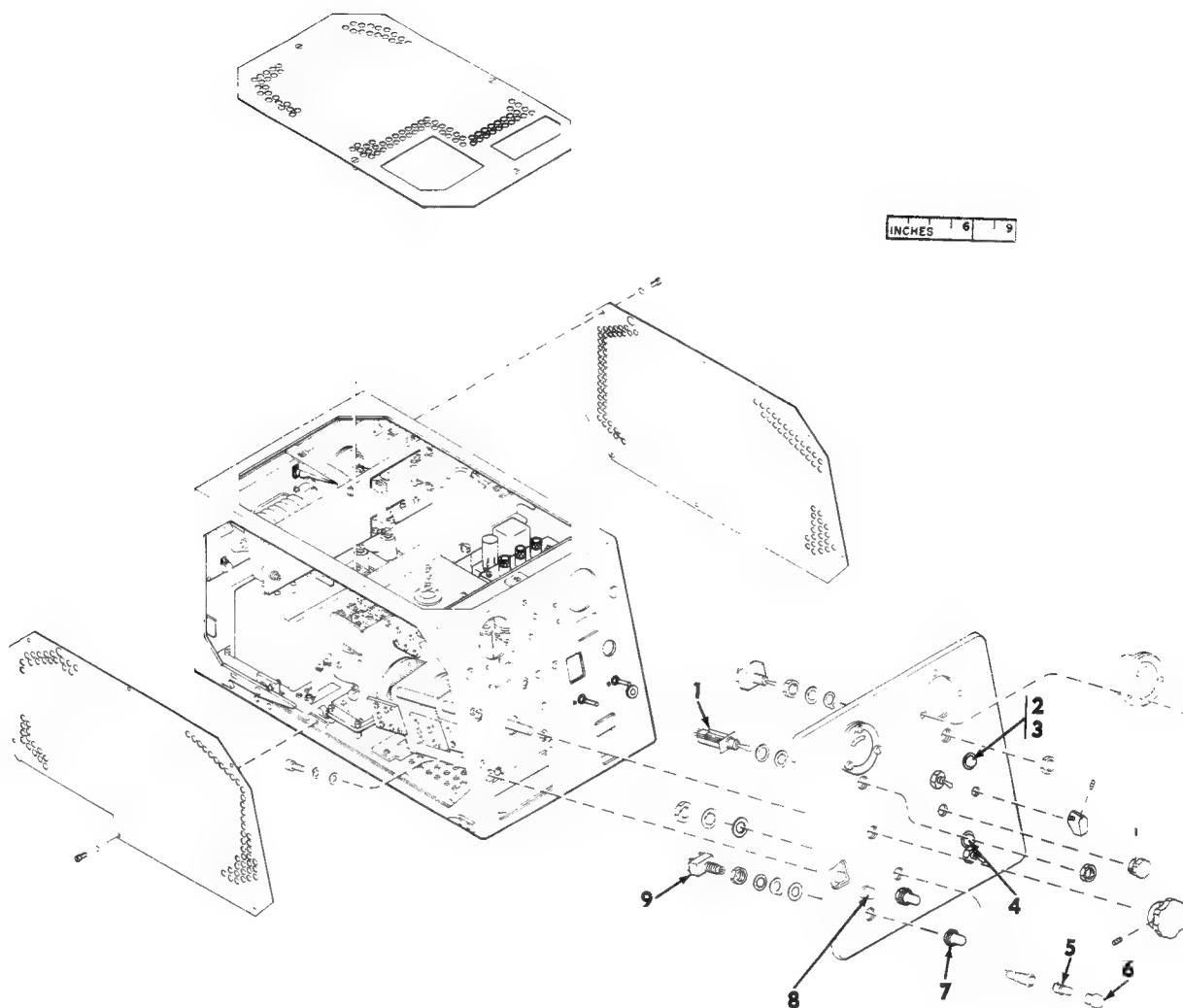
Figure 89. Control, antenna C-1469/M (7621540)—exploded view



ORD G284189

1 MOTOR-GENERATOR 7605334

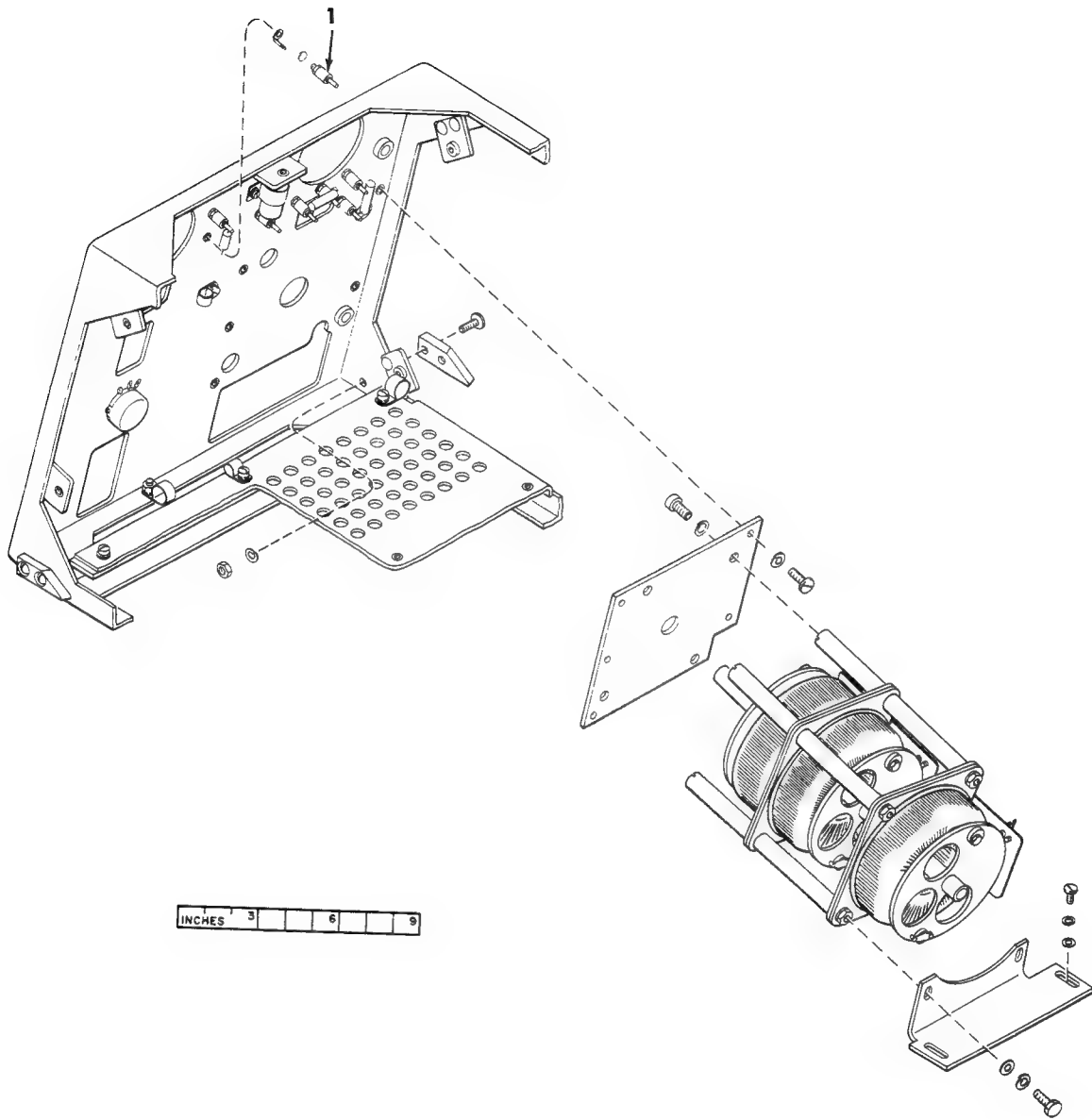
Figure 90. Control, antenna (7620500 and 7620662)—exploded view



ORD G284190

- |                      |                  |
|----------------------|------------------|
| 1 SWITCH 8175304     | 6 LENS 8328096   |
| 2 LENS 8175312       | 7 BOOT 9017174   |
| 3 LAMP MS-25231-1819 | 8 LENS 8175032   |
| 4 LENS 7600003       | 9 SWITCH 9000695 |
| 5 LAMP 7605718       |                  |

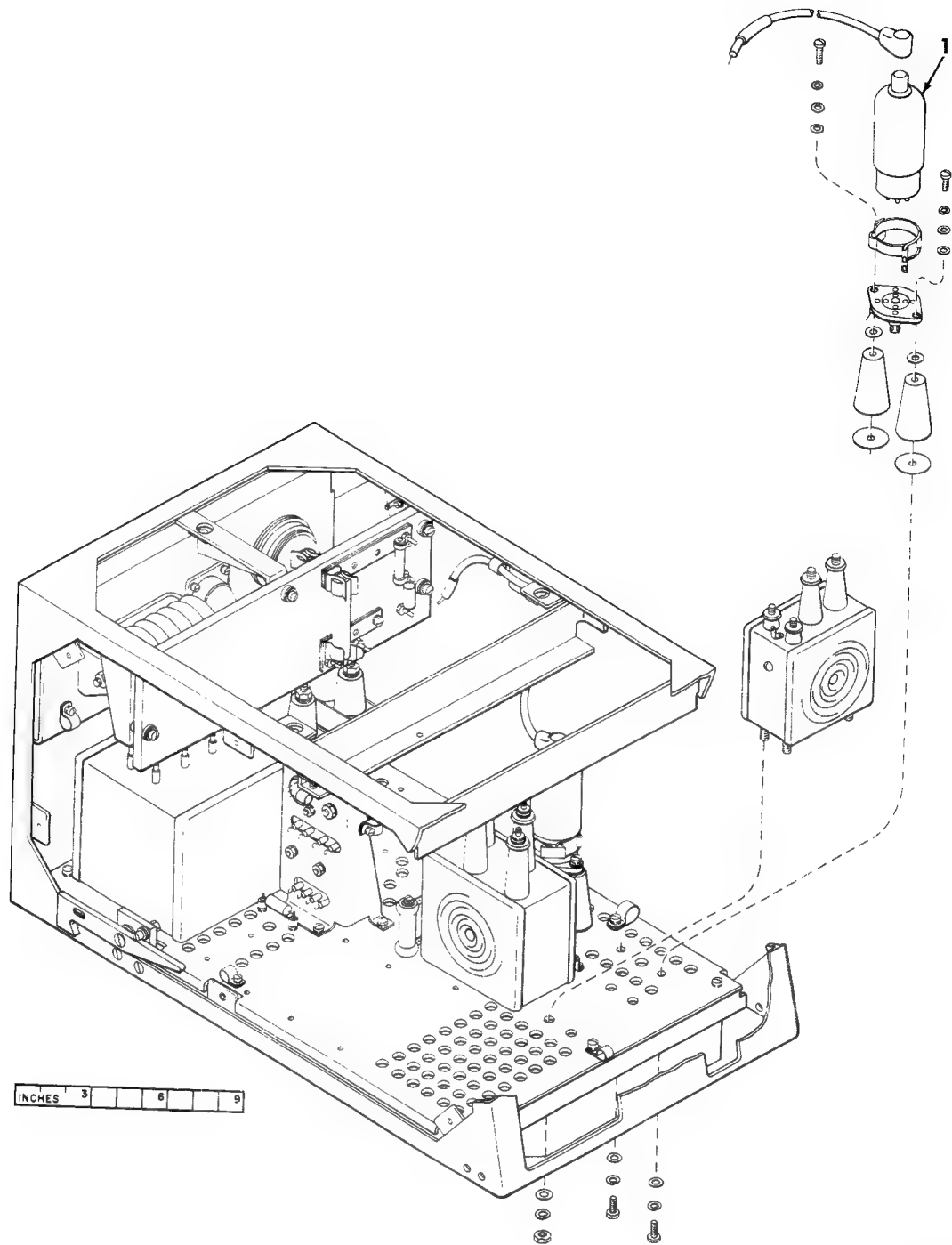
Figure 91. Power supply (9159938)—partial exploded view



ORD G259951

1 TERMINAL 7598949

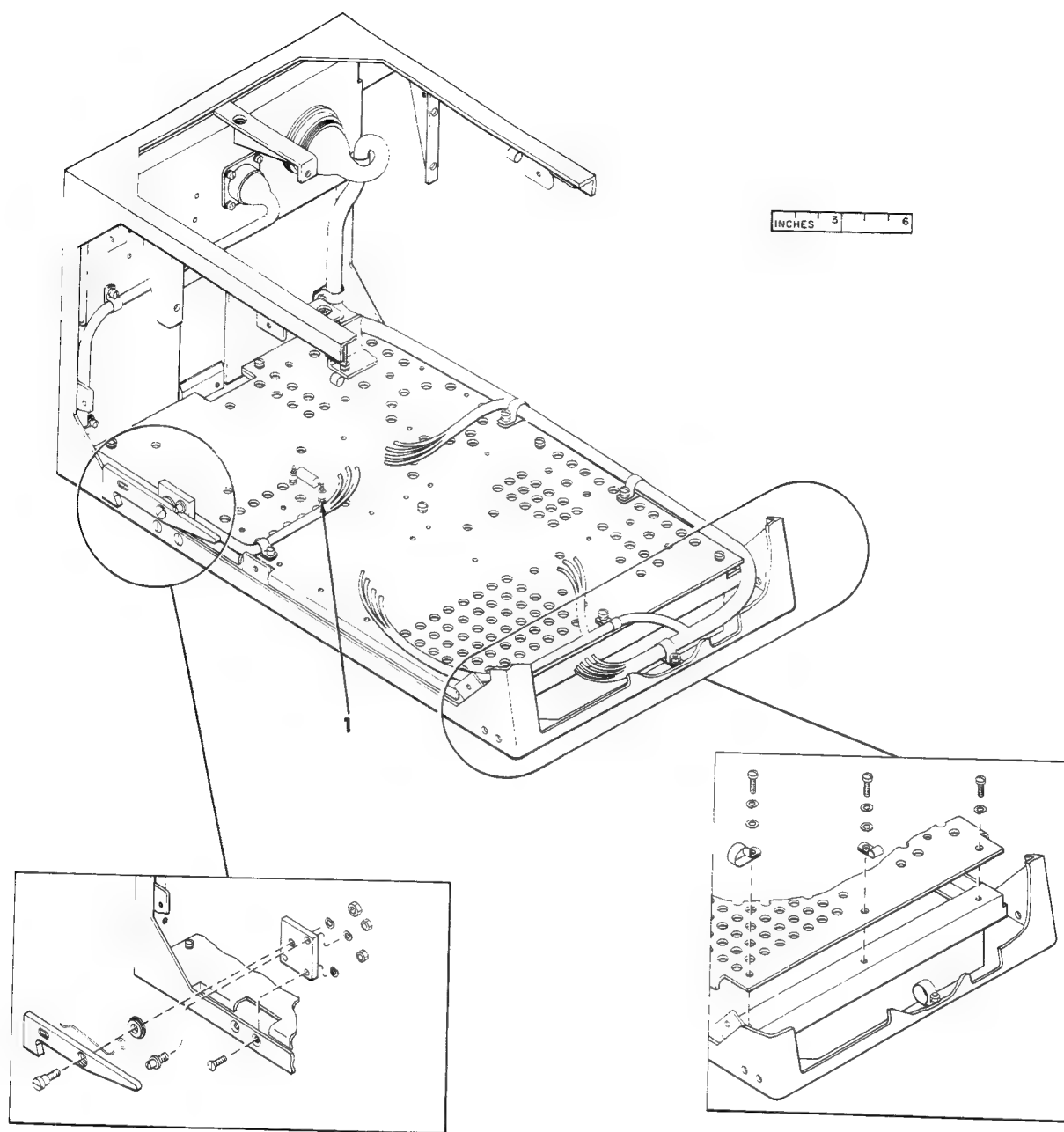
Figure 92. Power supply (9159938)—partial exploded view



ORD G78628

1 ELECTRON TUBE 3824WA

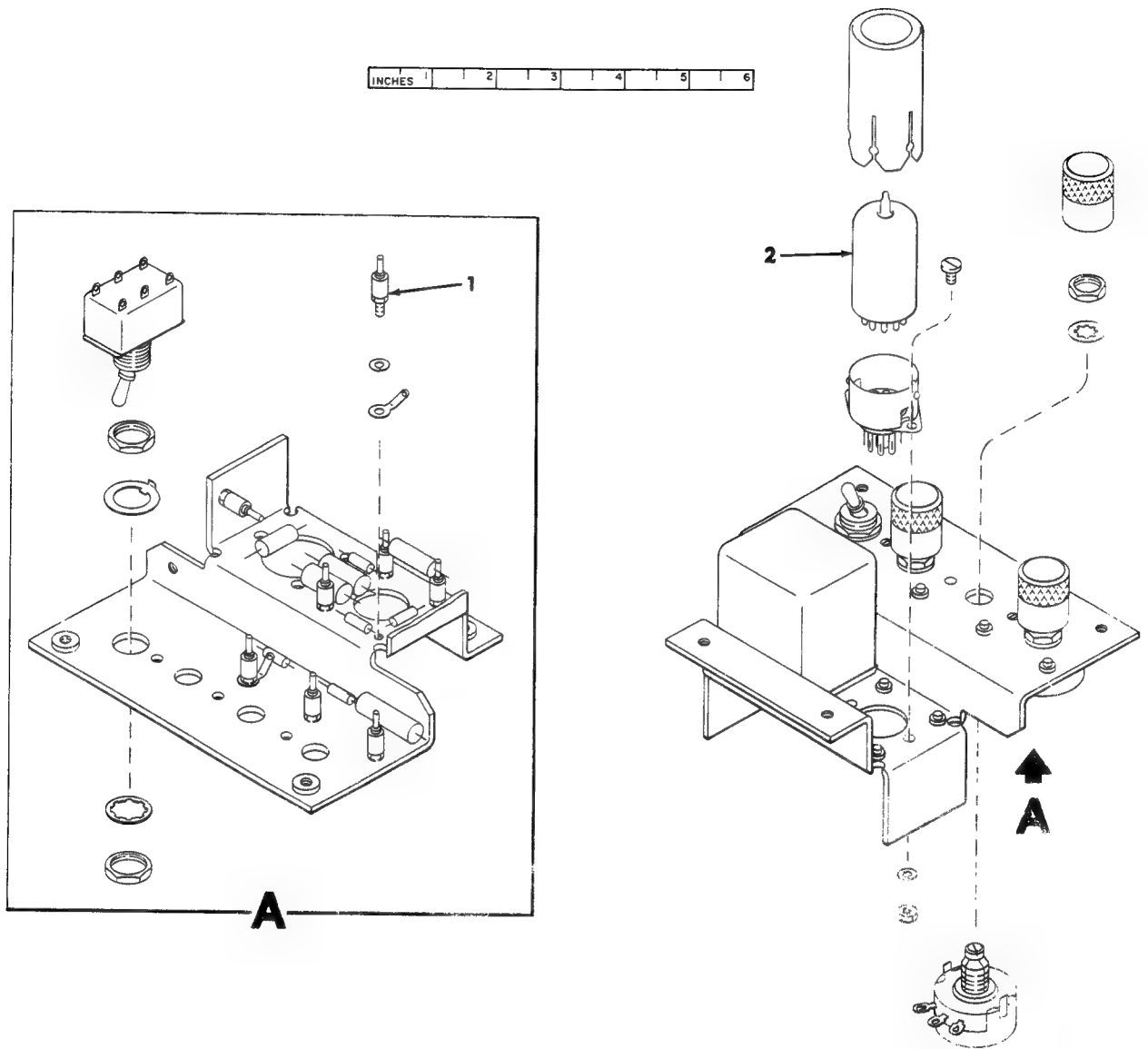
Figure 93. Power supply (9159938)—partial exploded view



ORD G259952

1 TERMINAL 7548949

Figure 94. Power supply (9159938)—partial exploded view

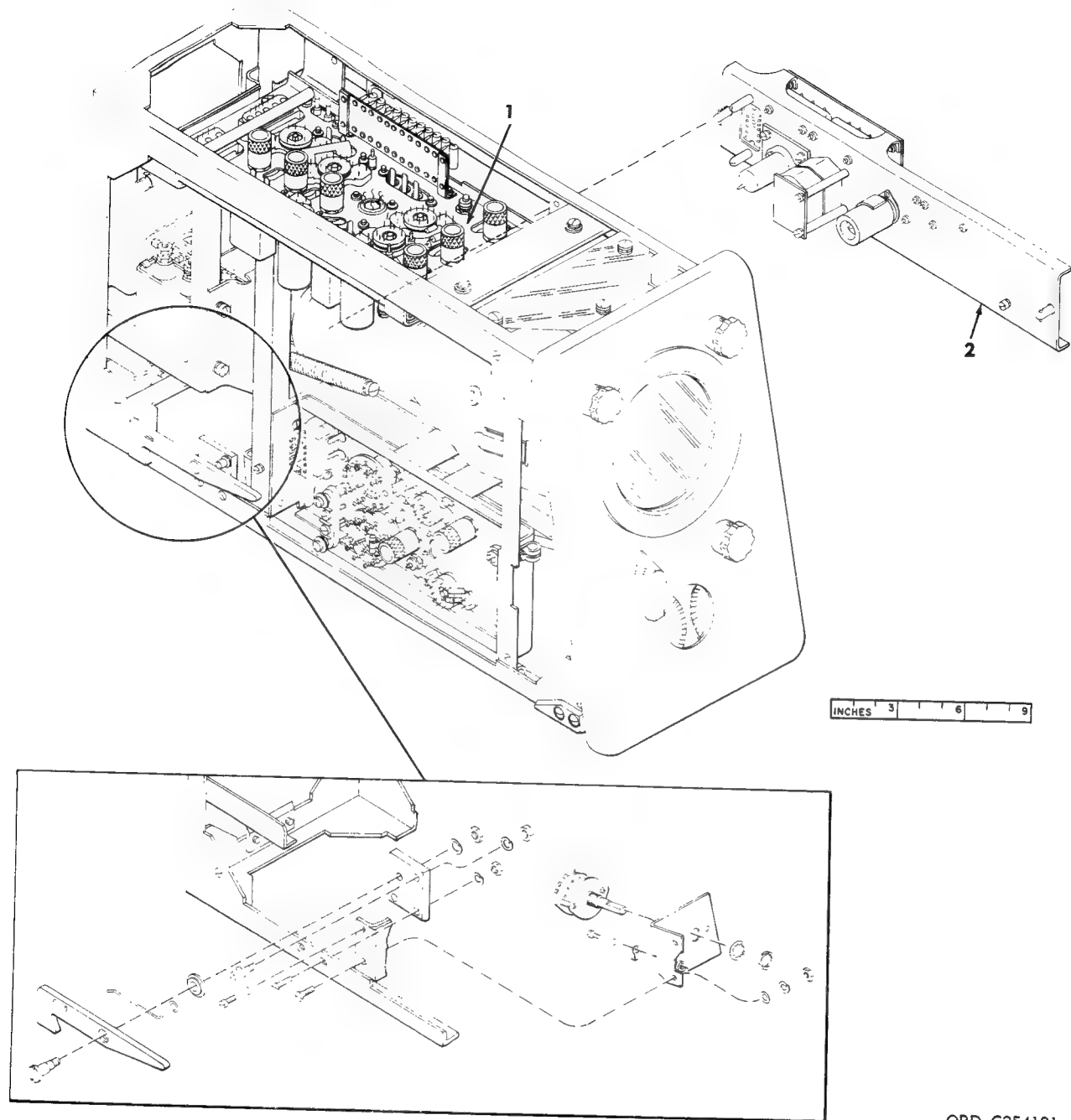


ORD G284191

- 1 TERMINAL 7598949
- 2 ELECTRON TUBE 5814A

Figure 95. Amplifier, electronic control (9143325)—exploded view

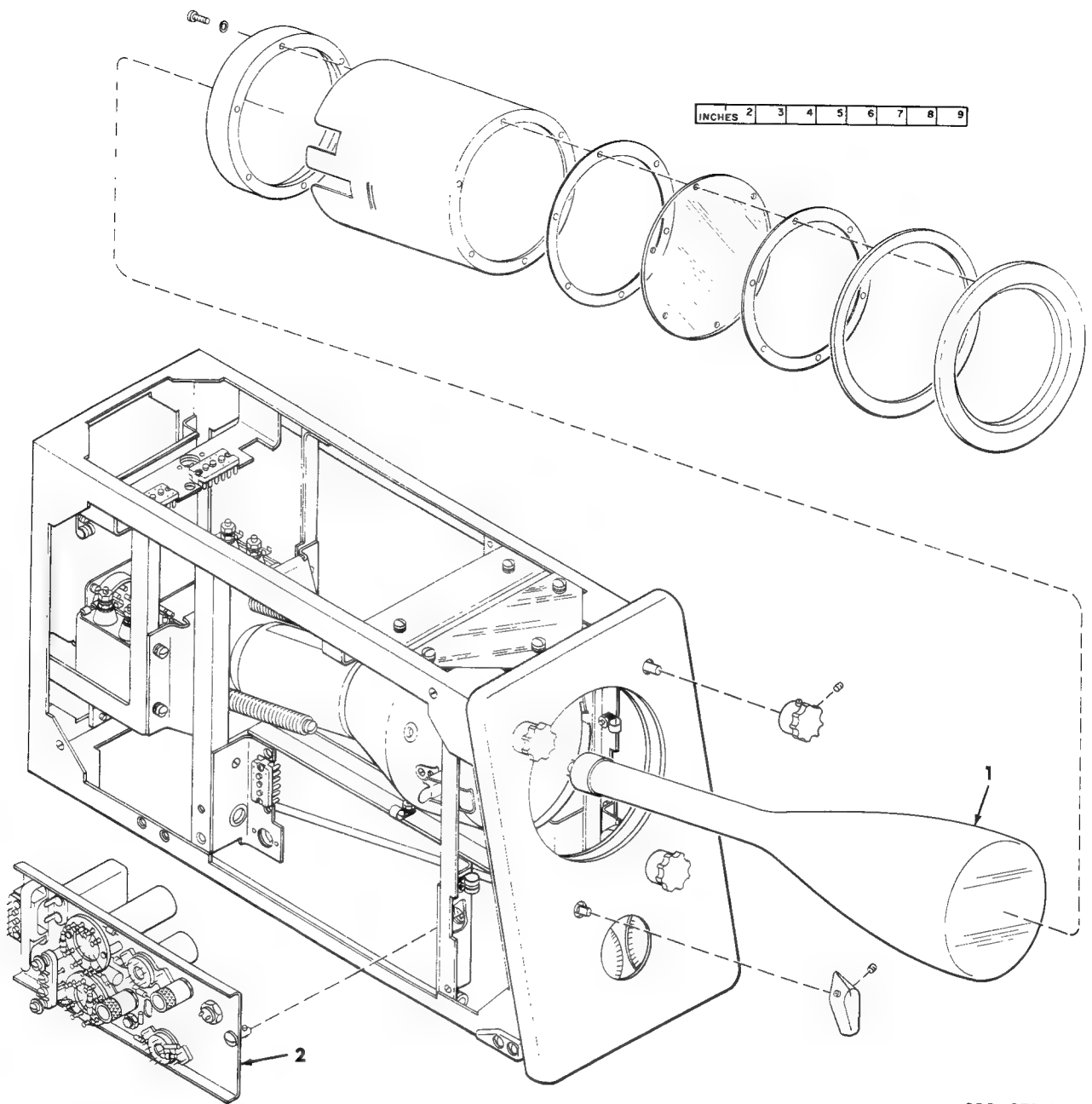




ORD G254101

- 1 GENERATOR 8172372
- 2 AMPLIFIER 8171343

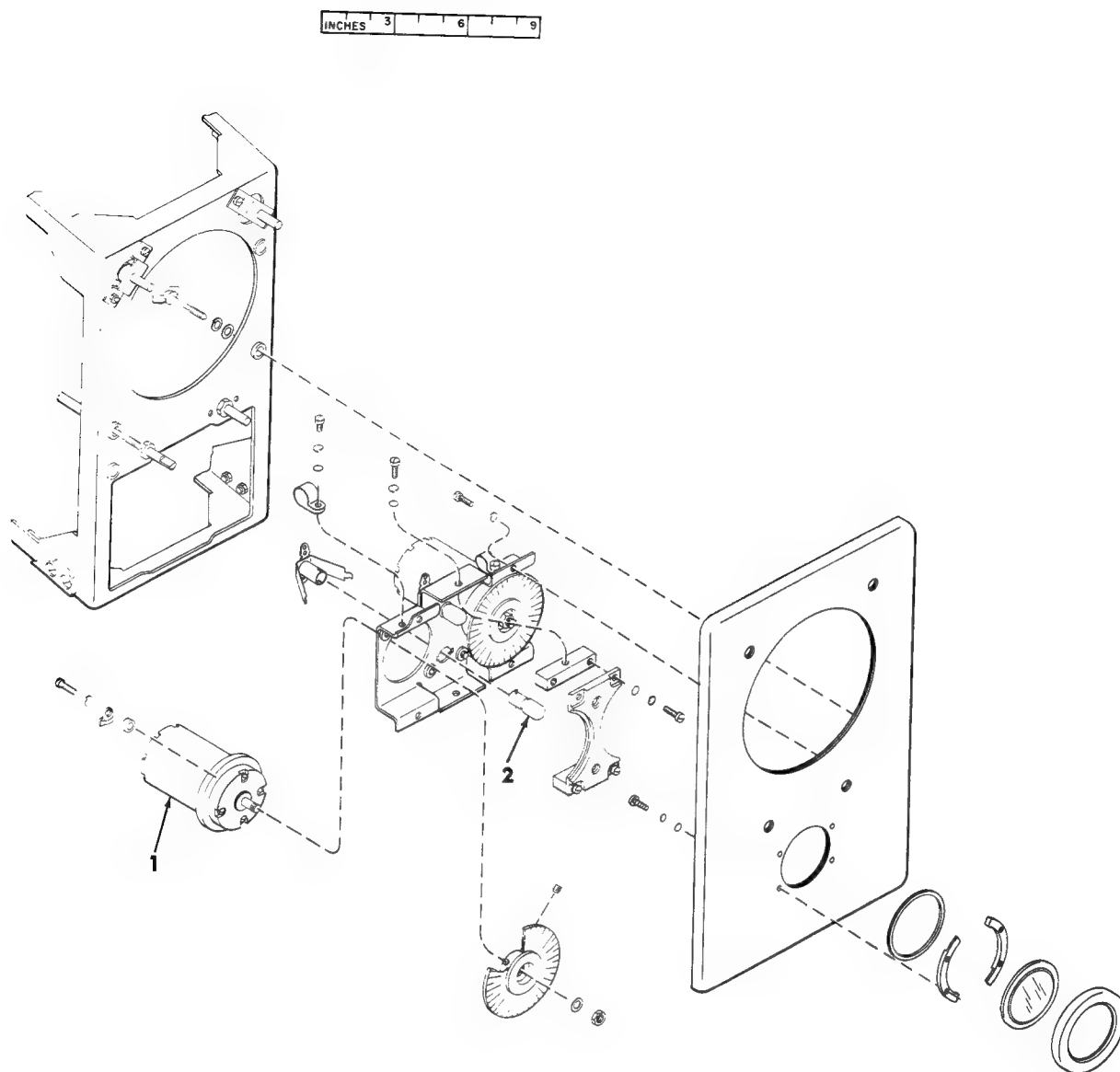
Figure 96. Indicator, range (8517432)—partial exploded view



ORD G78721

- 1 ELECTRON TUBE 5ADP1
- 2 AMPLIFIER 8517446

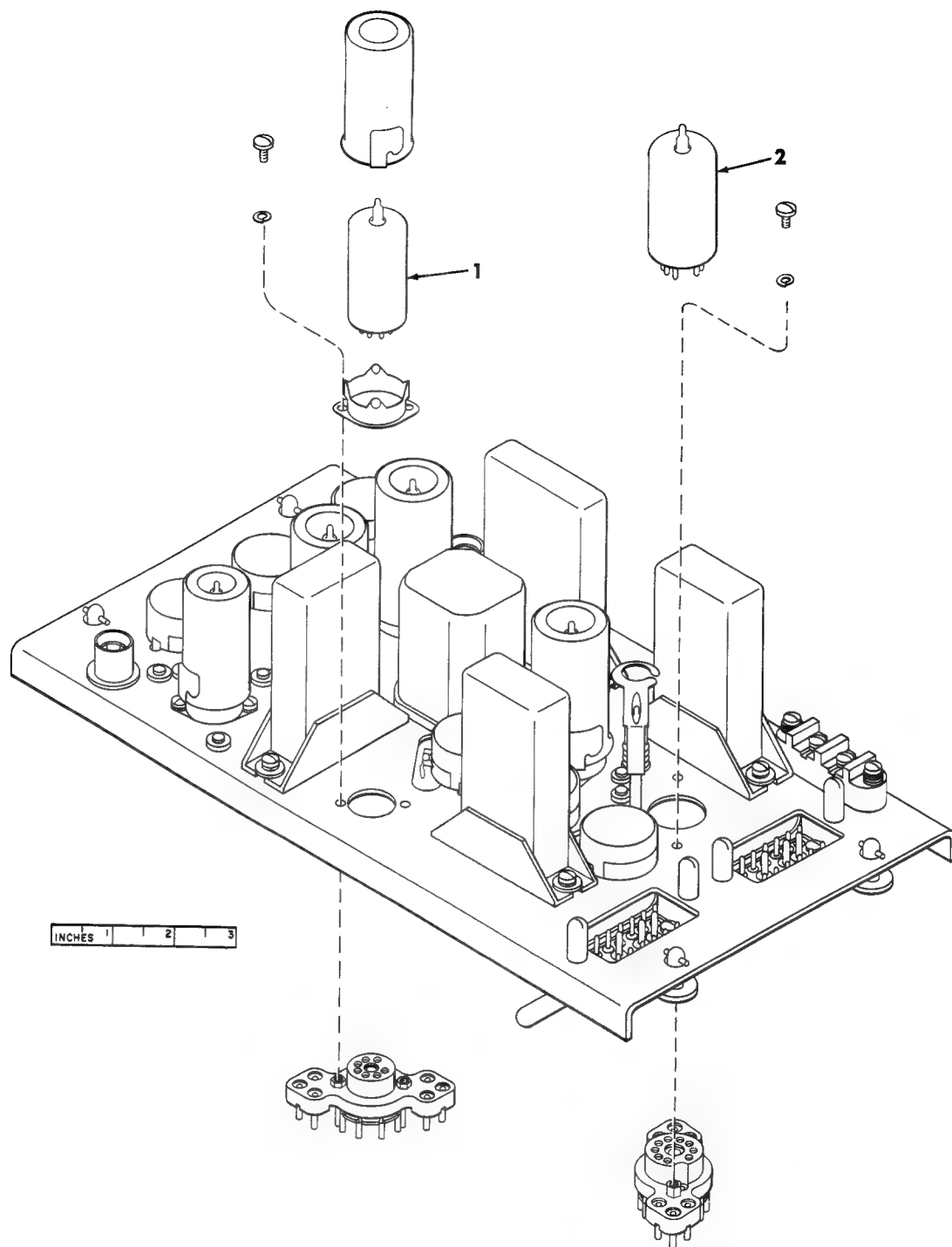
Figure 97. Indicator, range (8517432)—partial exploded view



ORD G284192

- 1 SYNCHRO 7674819
- 2 LAMP MS-15571-2

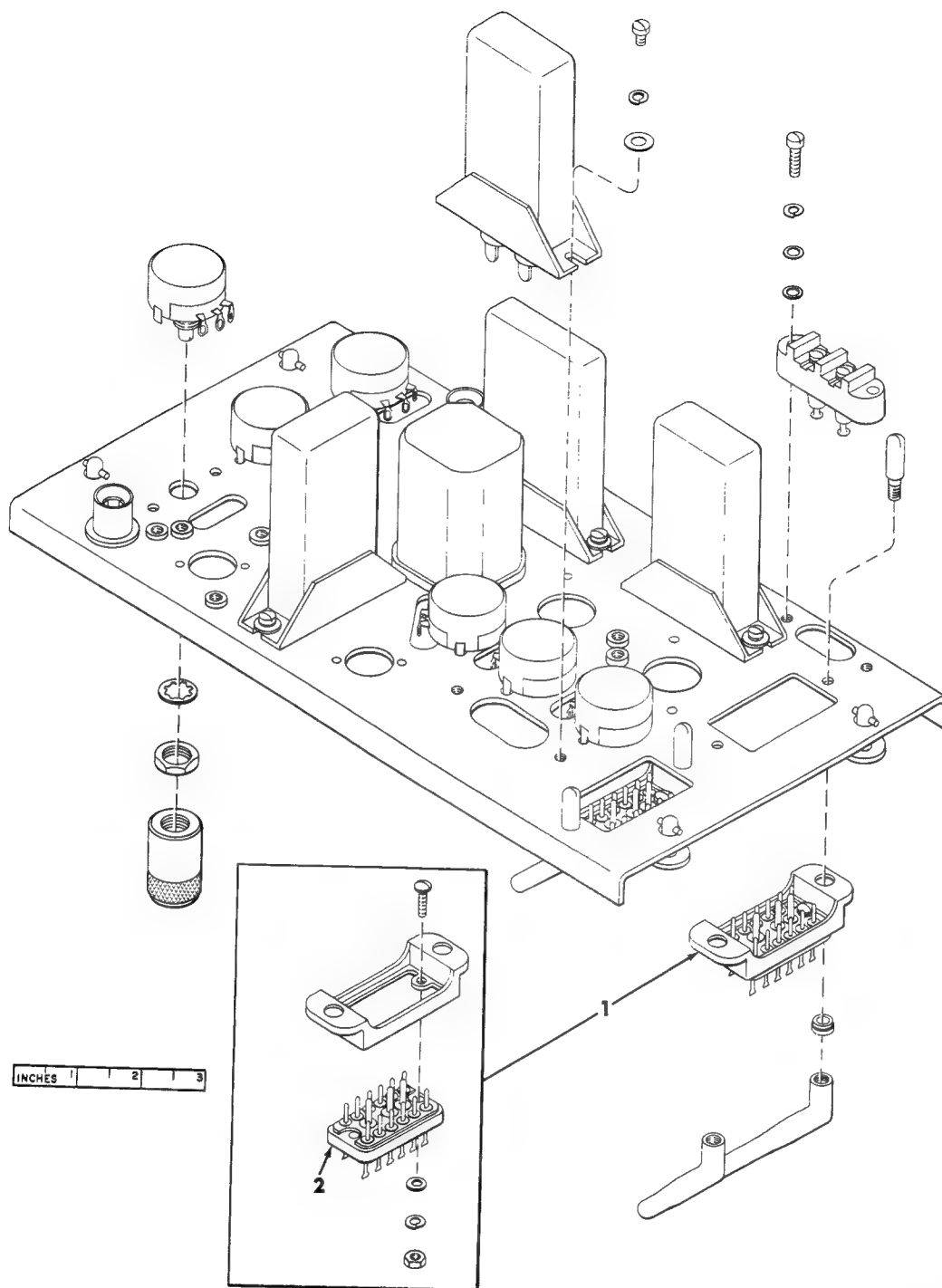
Figure 98. Indicator, range (8517432)—partial exploded view



ORD G284193

- 1 ELECTRON TUBE 6AH6
- 2 ELECTRON TUBE 5687WA

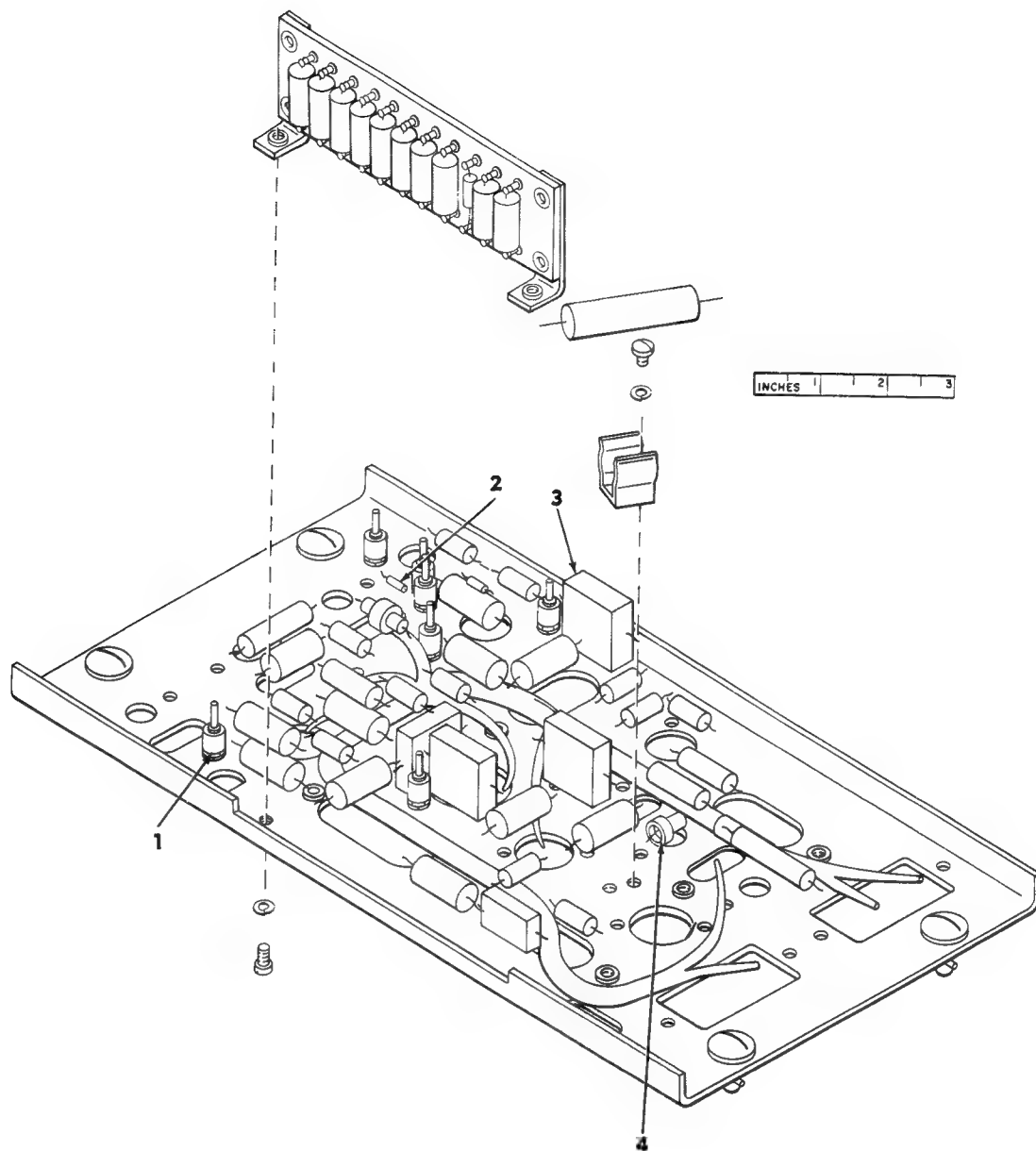
Figure 99. Generator, sweep 0-475/MPA (8172375)—partial exploded view



- 1 CONNECTOR 7598051  
2 CONNECTOR 7598934

ORD G259953

Figure 100. Generator, sweep 0-475/MPA (8172375)—partial exploded view

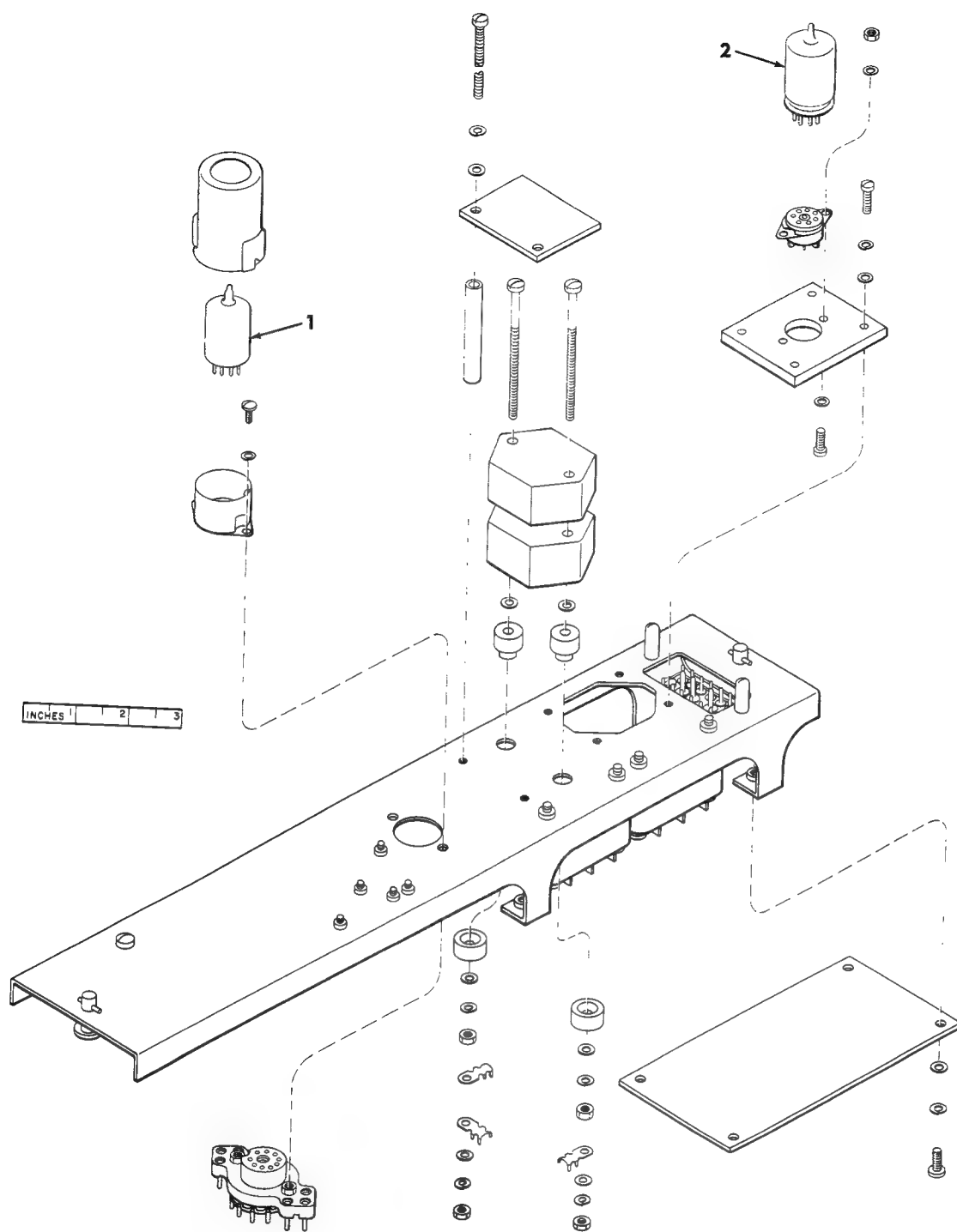


ORD G284194

1 TERMINAL 7598949  
2 SEMICONDUCTOR DEVICE  
1N198

3 CAPACITOR CM35E103J  
4 CAPACITOR 8023439

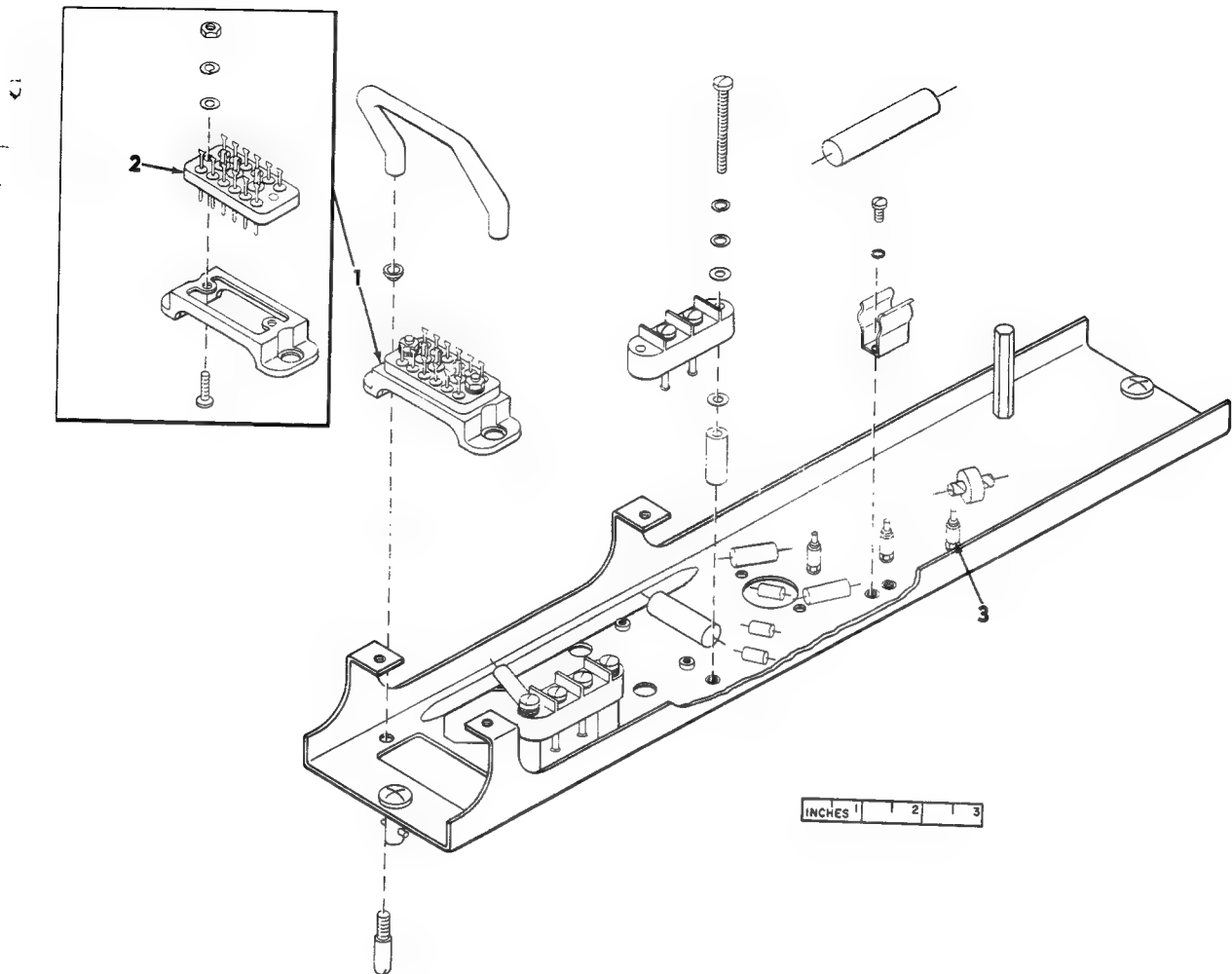
Figure 101. Generator, sweep 0-475/MPA (8172375)—partial exploded view



- 1 ELECTRON TUBE 5670
- 2 ELECTRON TUBE 5726/6AL5W

ORD G284195

Figure 102. Amplifier, electronic control AM-1077/M (8171393)—partial exploded view

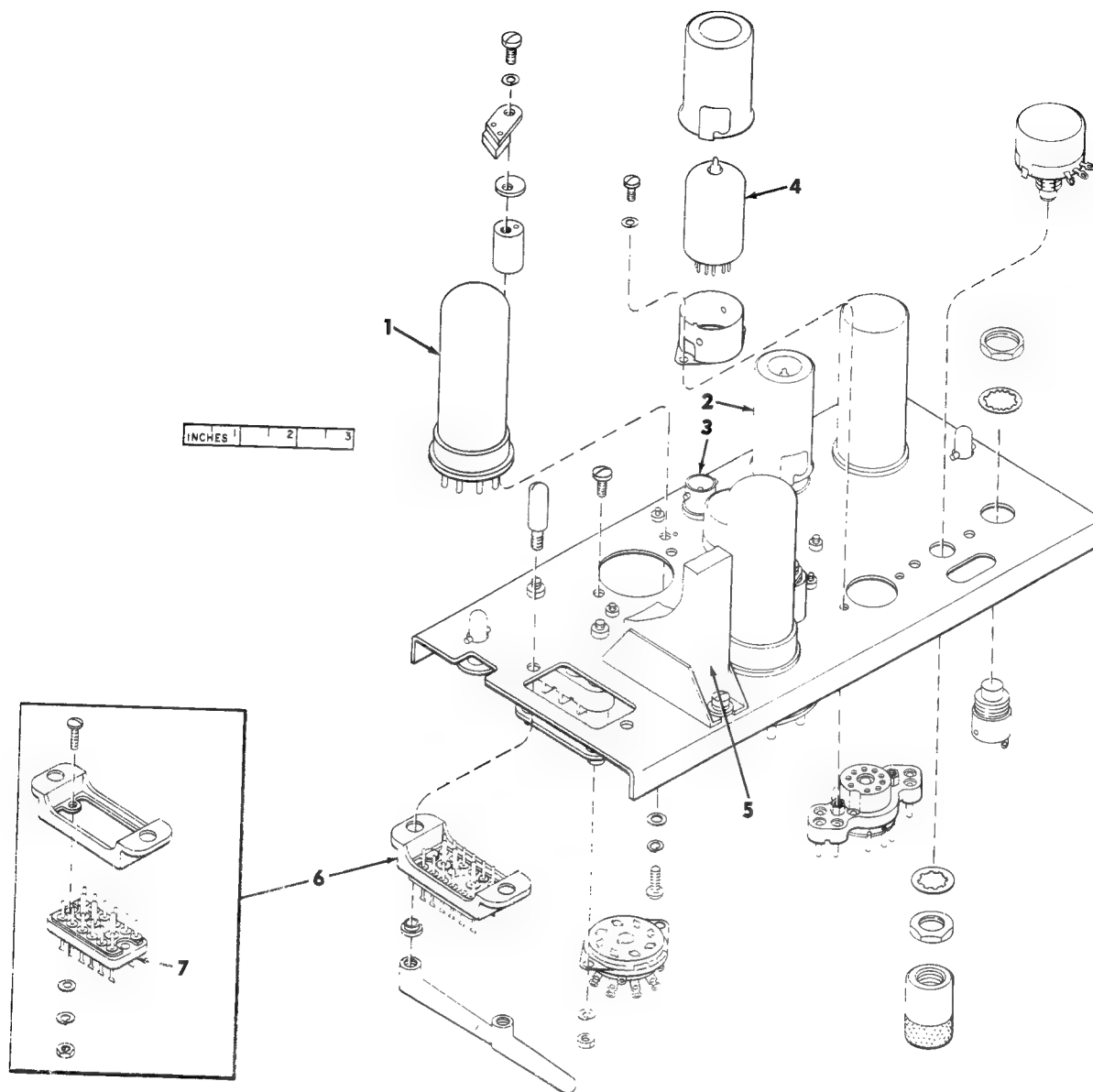


ORD G259955

- 1 CONNECTOR 7598051
- 2 CONNECTOR 7598934
- 3 TERMINAL 7598949

Figure 103. Amplifier, electronic control AM-1077/M (8171393)—partial exploded view

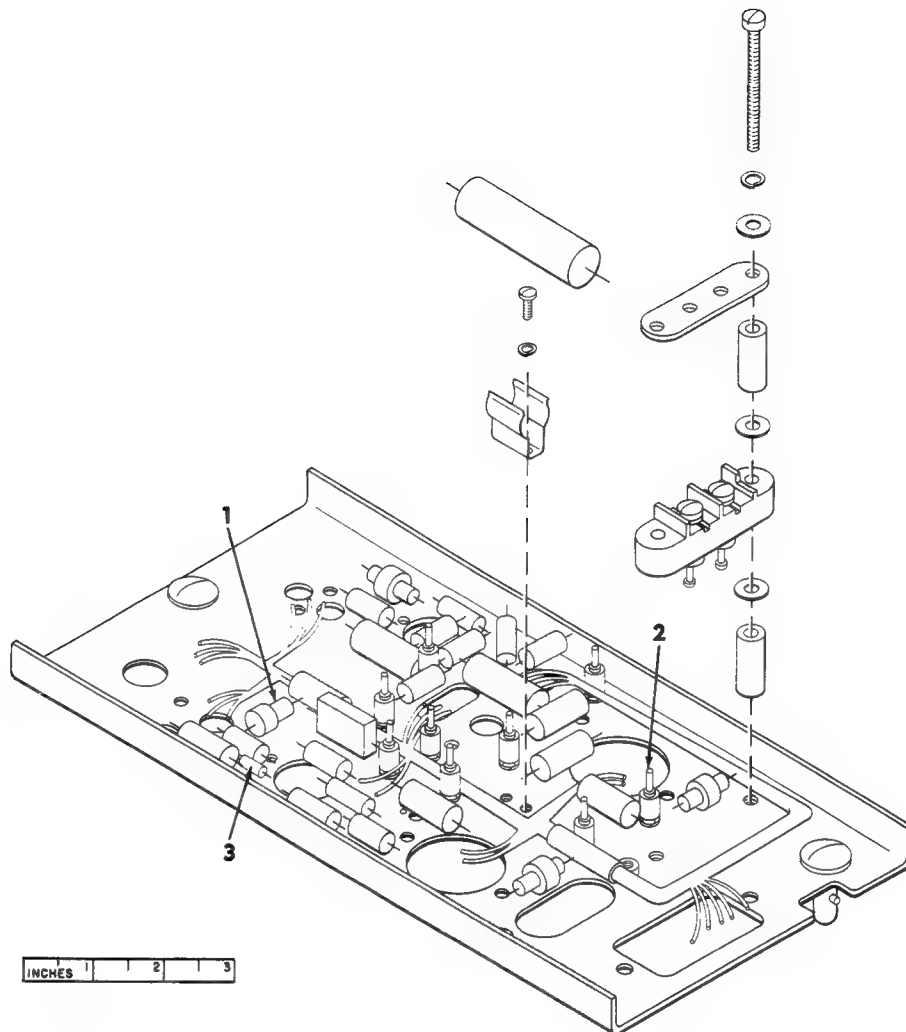




- 1 ELECTRON TUBE 6AG7Y
- 2 ELECTRON TUBE 6AH6
- 3 CONNECTOR MS-27035-625B
- 4 ELECTRON TUBE 5670
- 5 CAPACITOR CP65B1EE105K1
- 6 CONNECTOR 7598051
- 7 CONNECTOR 7598934

ORD G284196

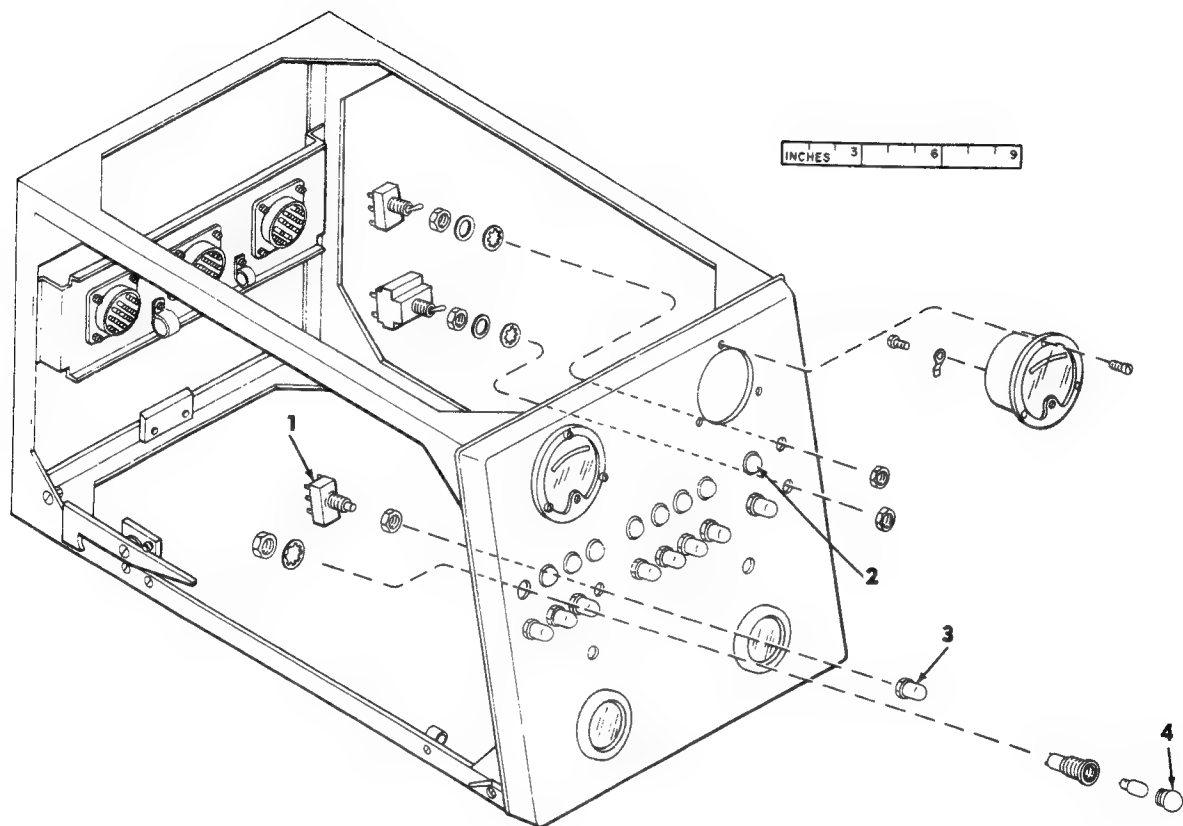
Figure 104. Amplifier, video (8517446)—partial exploded view



ORD G259957

- 1 CAPACITOR 8023439
- 2 TERMINAL 7598949
- 3 SEMICONDUCTOR DEVICE  
1N198

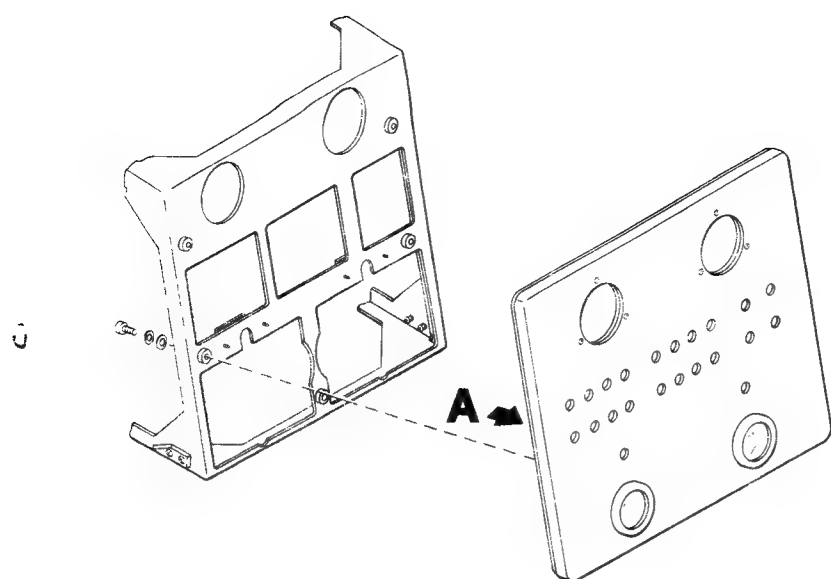
Figure 105. Amplifier, video (8517446)—partial exploded view



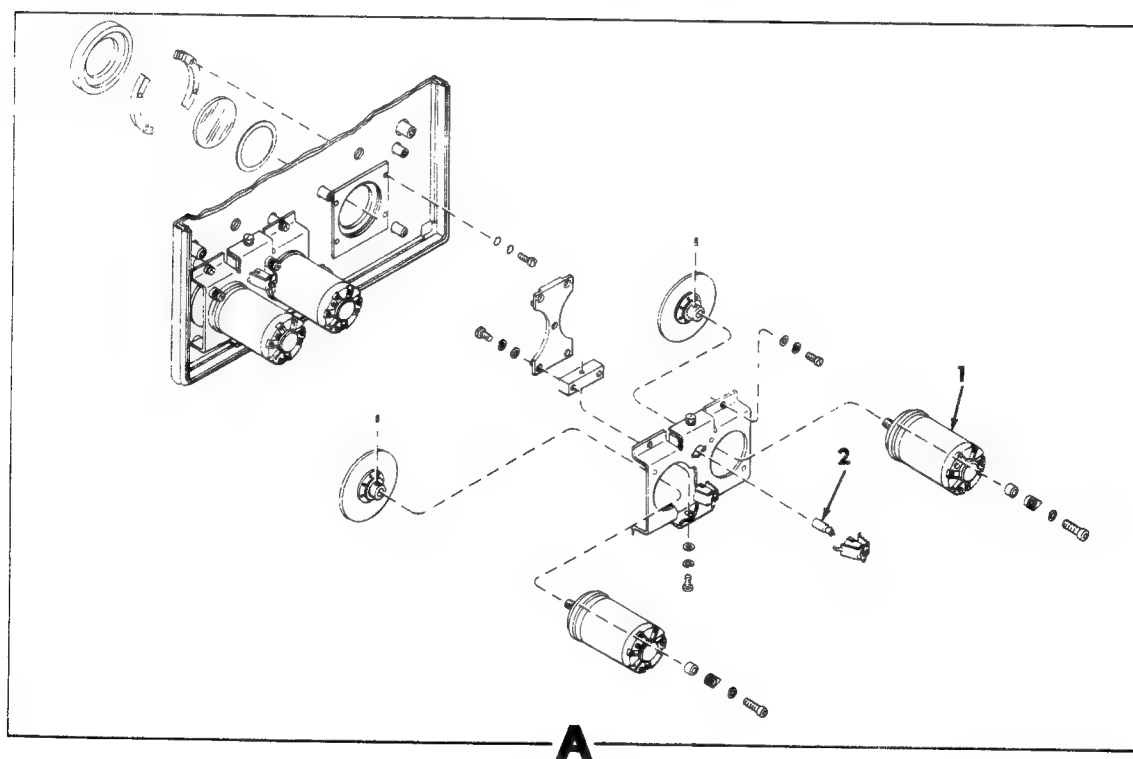
ORD G284197

- 1 SWITCH 9000695
- 2 LENS 8175035
- 3 BOOT 9017174
- 4 LENS 8175032

Figure 106. Indicator, azimuth and elevation (9140712)—partial exploded view



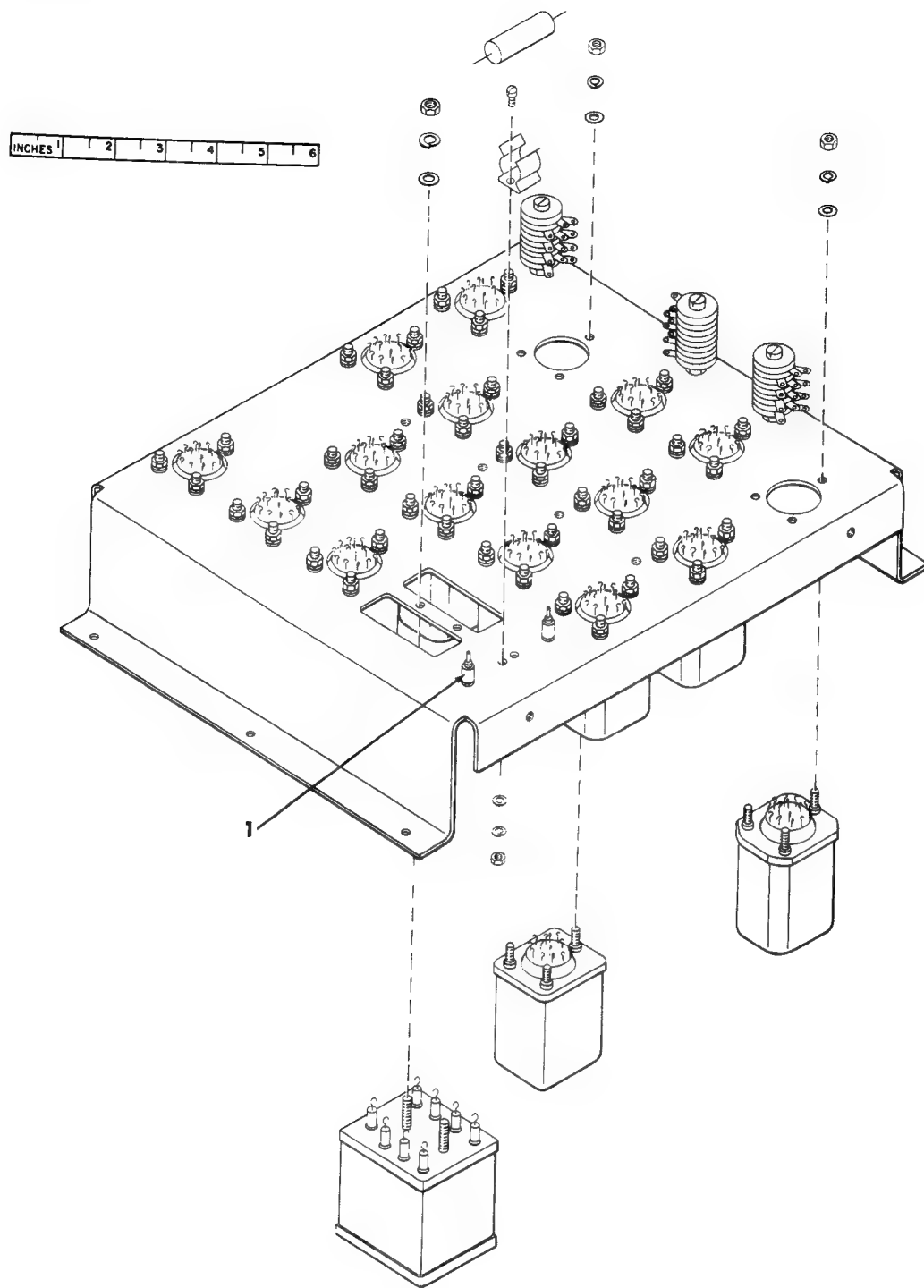
INCHES 6 9 12



ORD G284198

- 1 SYNCHRO 7674819
- 2 LAMP MS-15571-2

Figure 107. Indicator, azimuth and elevation (9140712)—partial exploded view



ORD G259959

1 TERMINAL 7598949

Figure 108. Chassis assembly (9140709)—exploded view

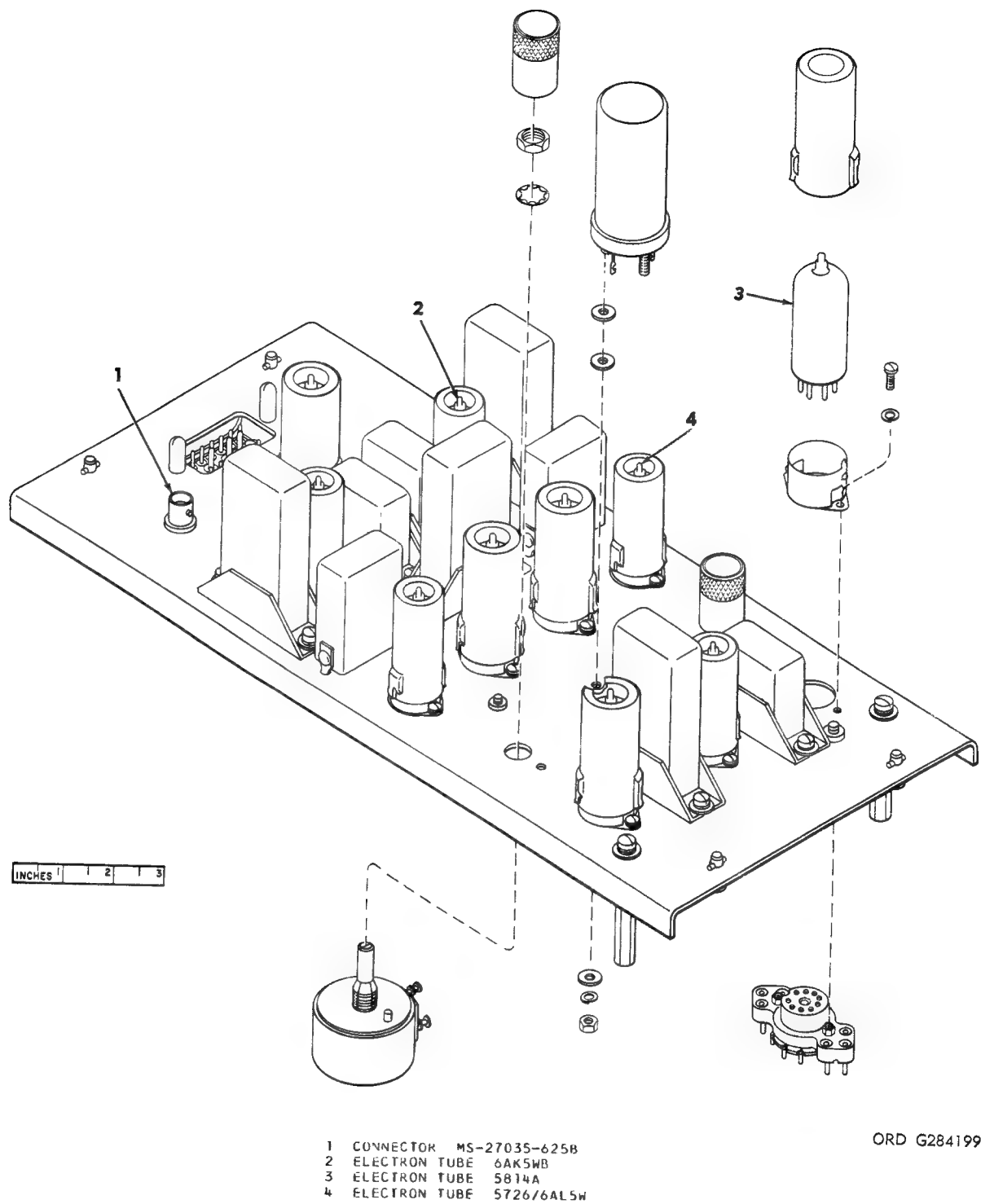
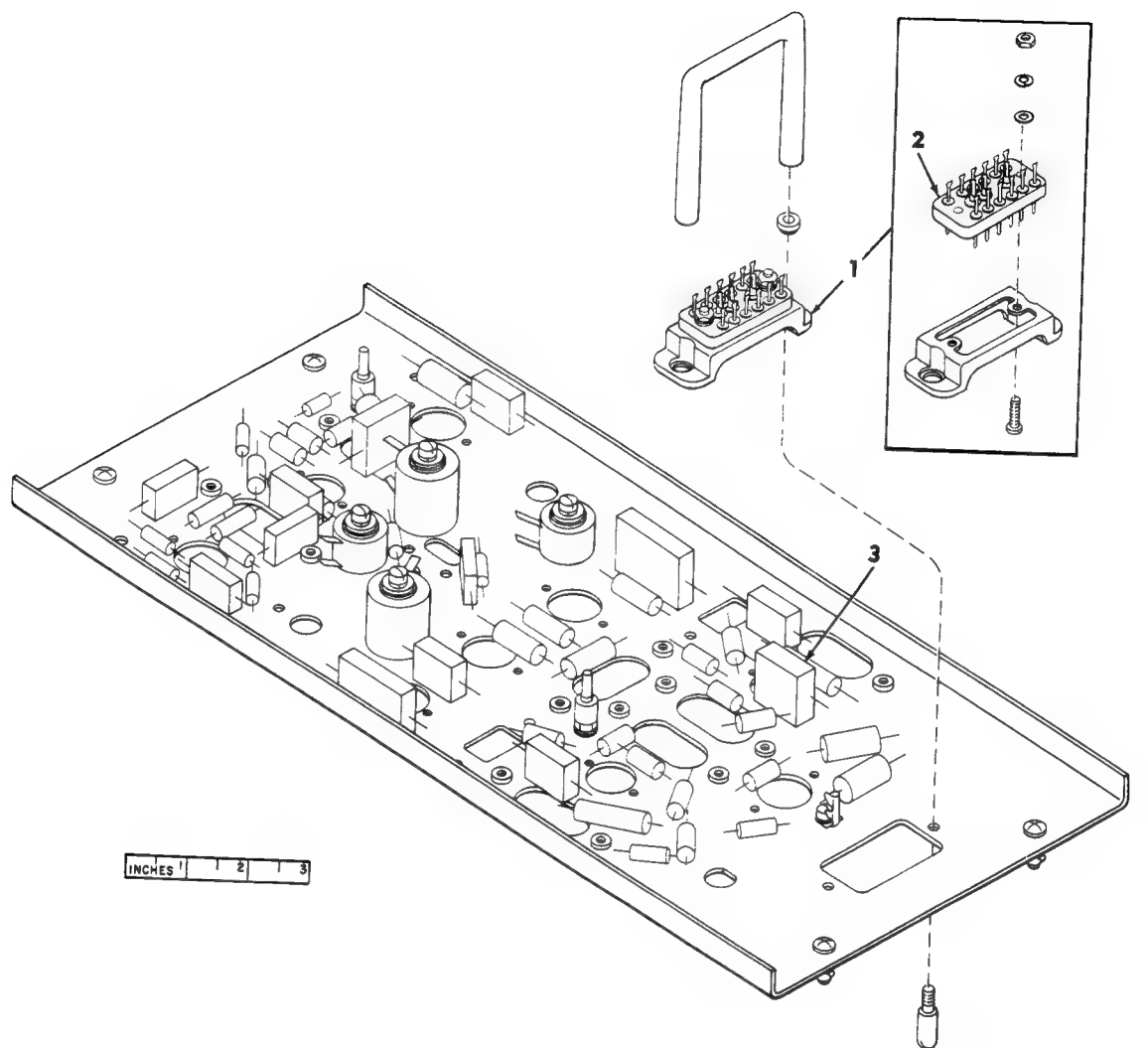


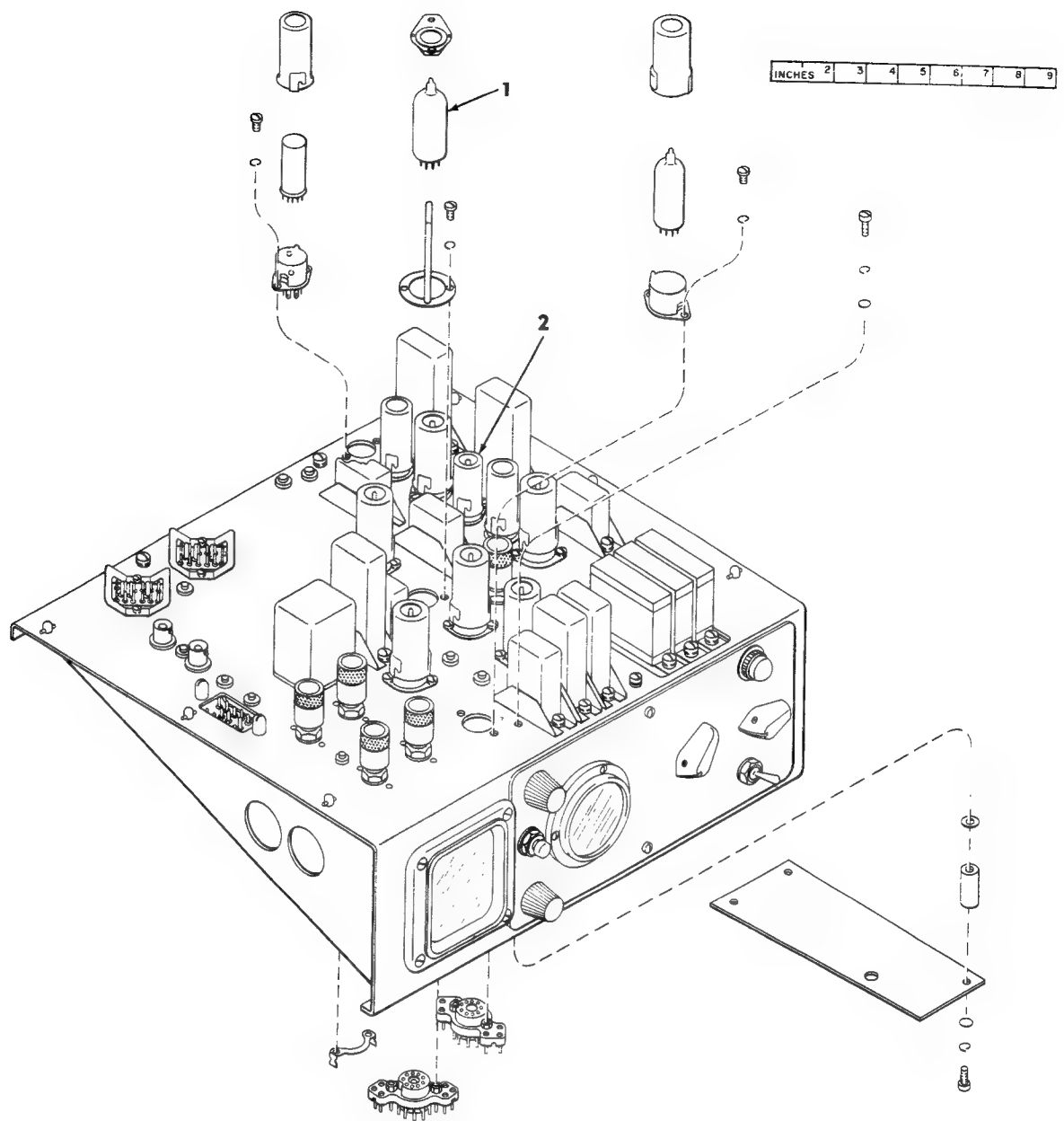
Figure 109. Generator, pulse 0-301/M (8007721)—partial exploded view



ORD G284200

- 1 CONNECTOR 7598051
- 2 CONNECTOR 7598934
- 3 CAPACITOR CM35E103J

Figure 110. Generator, pulse 0-301/M (8007721)—partial exploded view

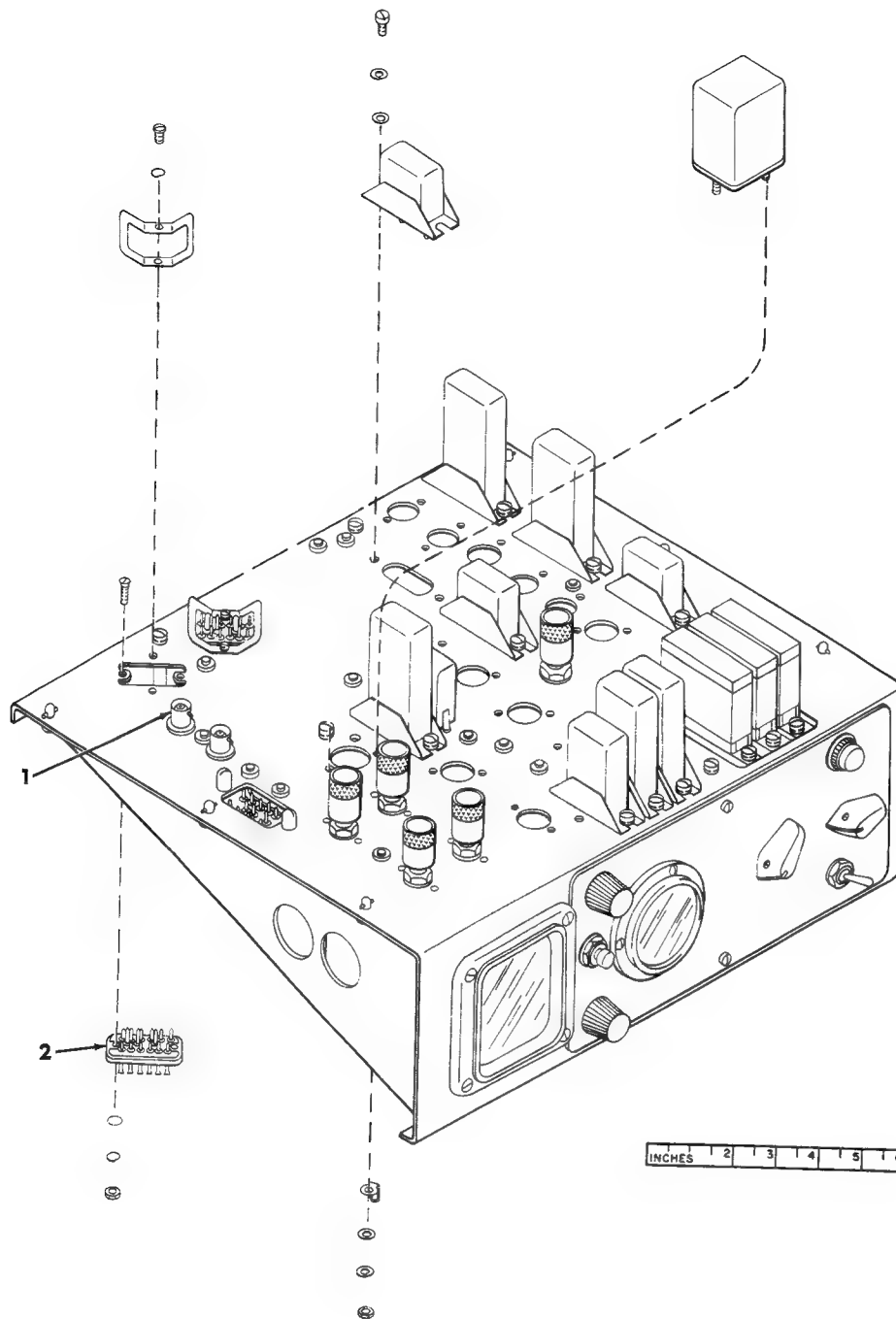


- 1 ELECTRON TUBE 5687WA  
2 ELECTRON TUBE 5726/6AL5A

ORD G284201

Figure 111. Oscilloscope OS-49/M (8007722)—partial exploded view

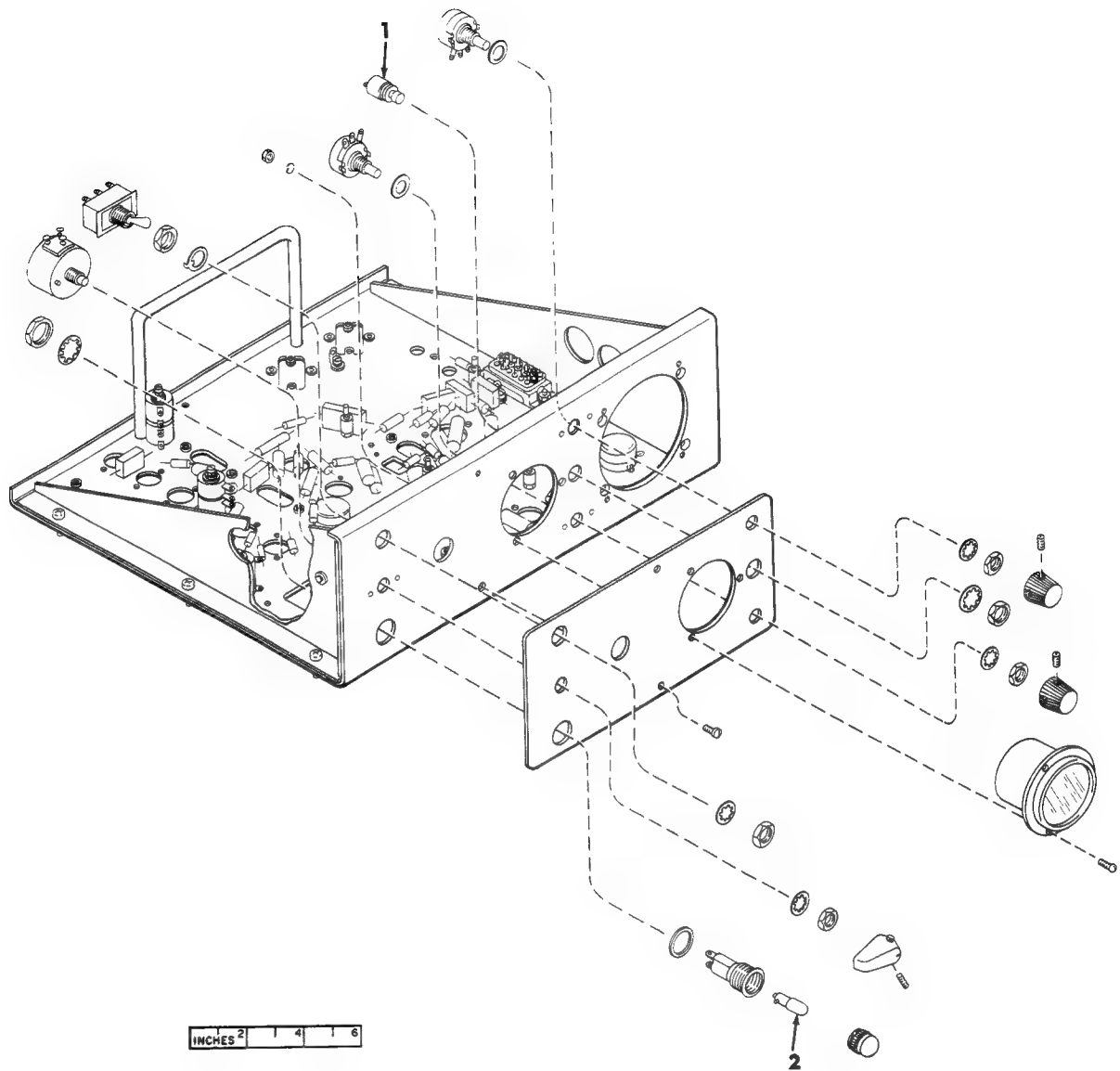




- 1 CONNECTOR MS-27035-625B
- 2 CONNECTOR 7598934

ORD G284202

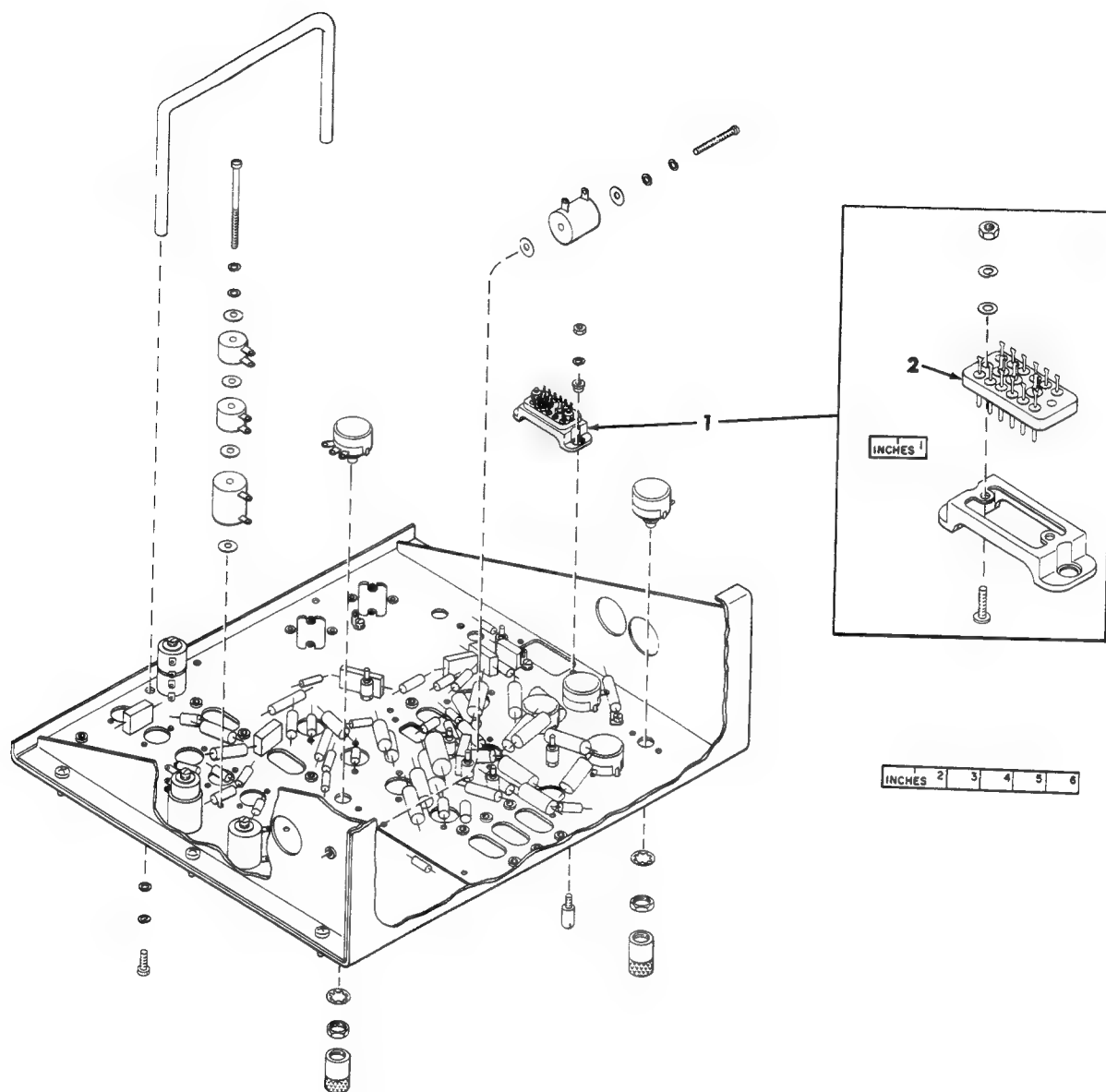
Figure 112. Oscilloscope OS-49/M (8007722)—partial exploded view



ORD G284203

- 1 SWITCH 8177119
- 2 LAMP MS-15571-2

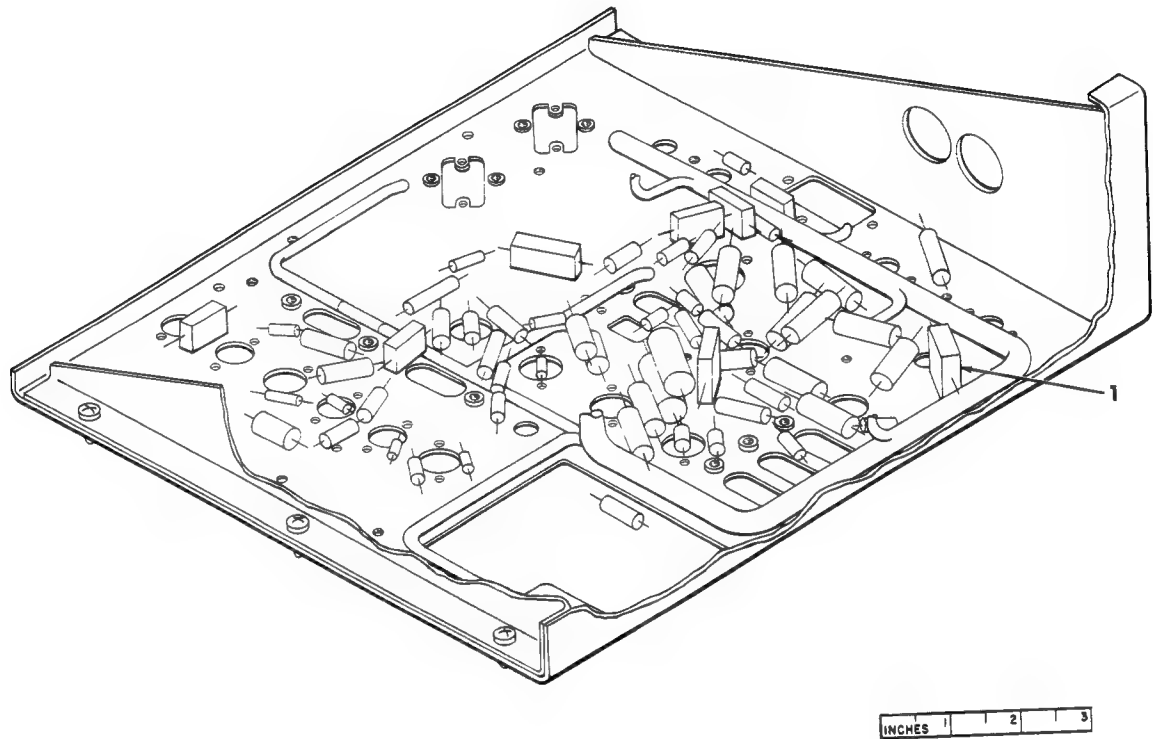
Figure 113. Oscilloscope OS-49/M (8007722)—partial exploded view



ORD G263589

- 1 CONNECTOR 7598051
- 2 CONNECTOR 7598934

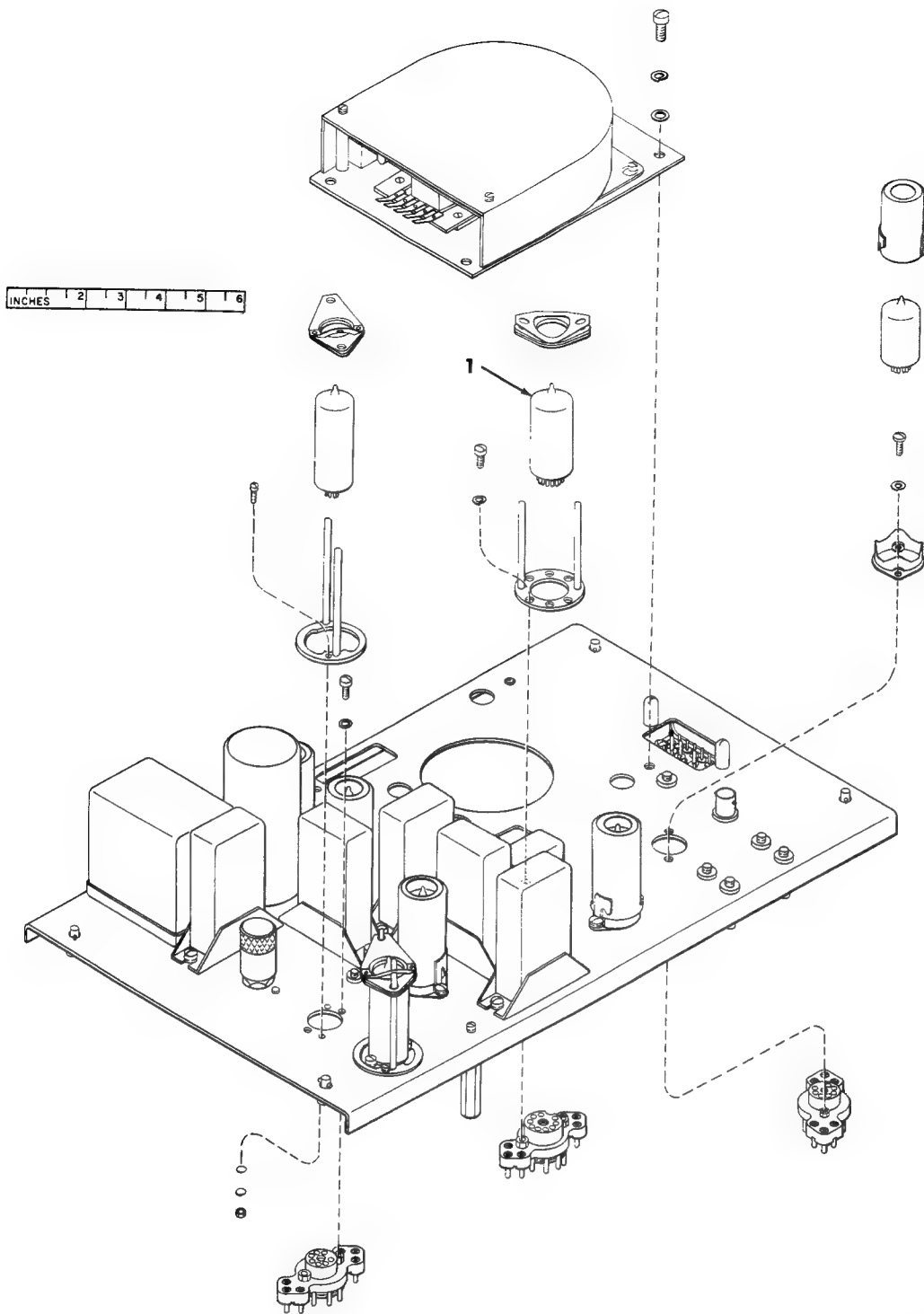
Figure 114. Oscilloscope OS-49/M (8007722)—partial exploded view



ORD G284204

1 CAPACITOR CM35E103J

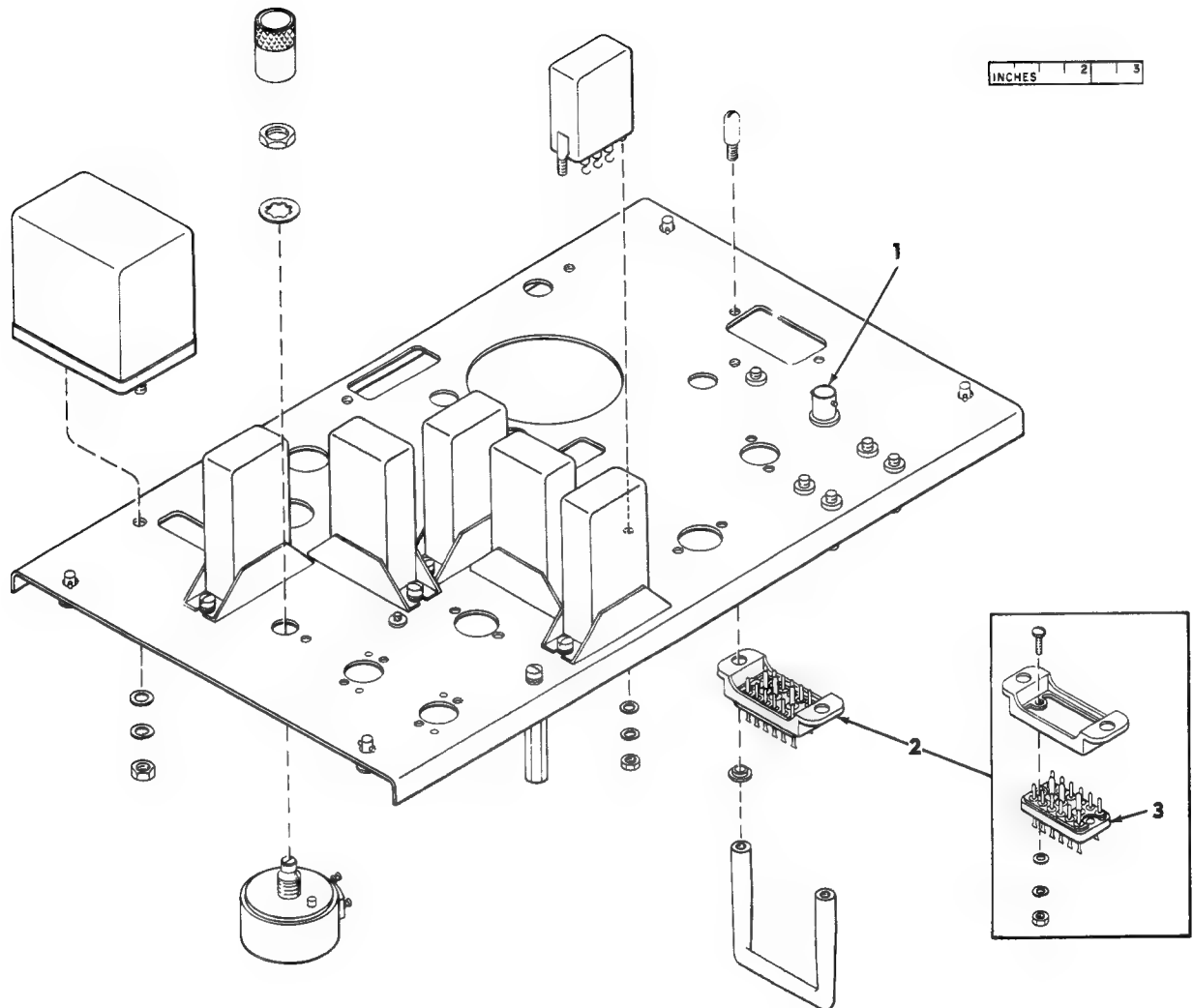
Figure 115. Oscilloscope OS-49/M (8007722)—partial exploded view



ORD G284205

1 ELECTRON TUBE 5687WA

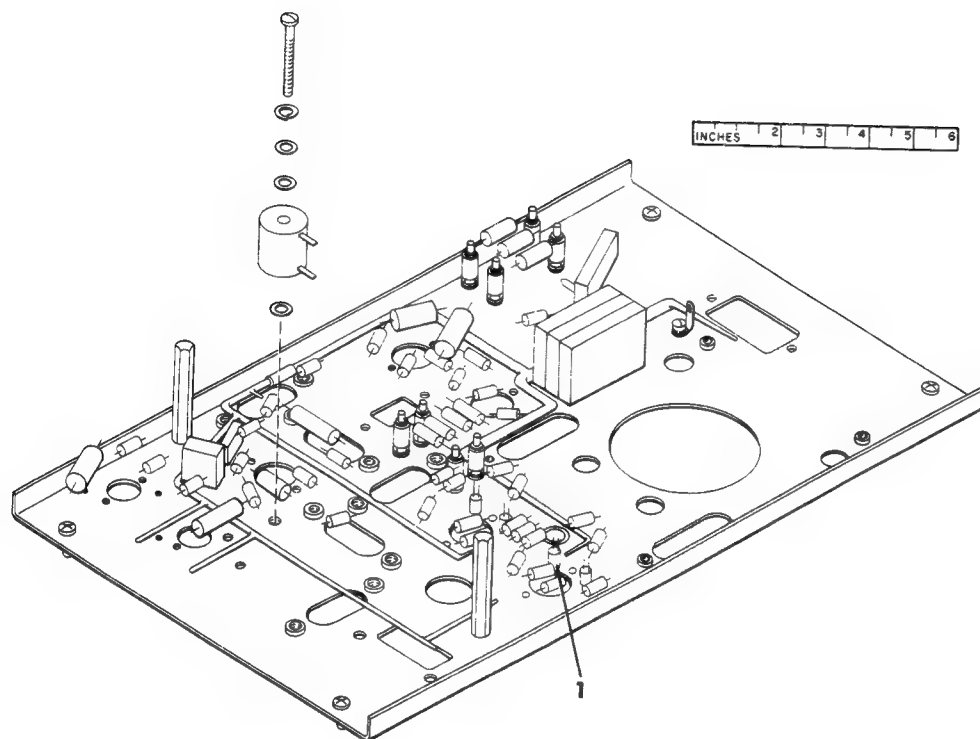
Figure 116. Generator, pulse O-300A/M (9000007)—partial exploded view



ORD G284206

- 1 CONNECTOR MS-27035-6258
- 2 CONNECTOR 7598051
- 3 CONNECTOR 7598934

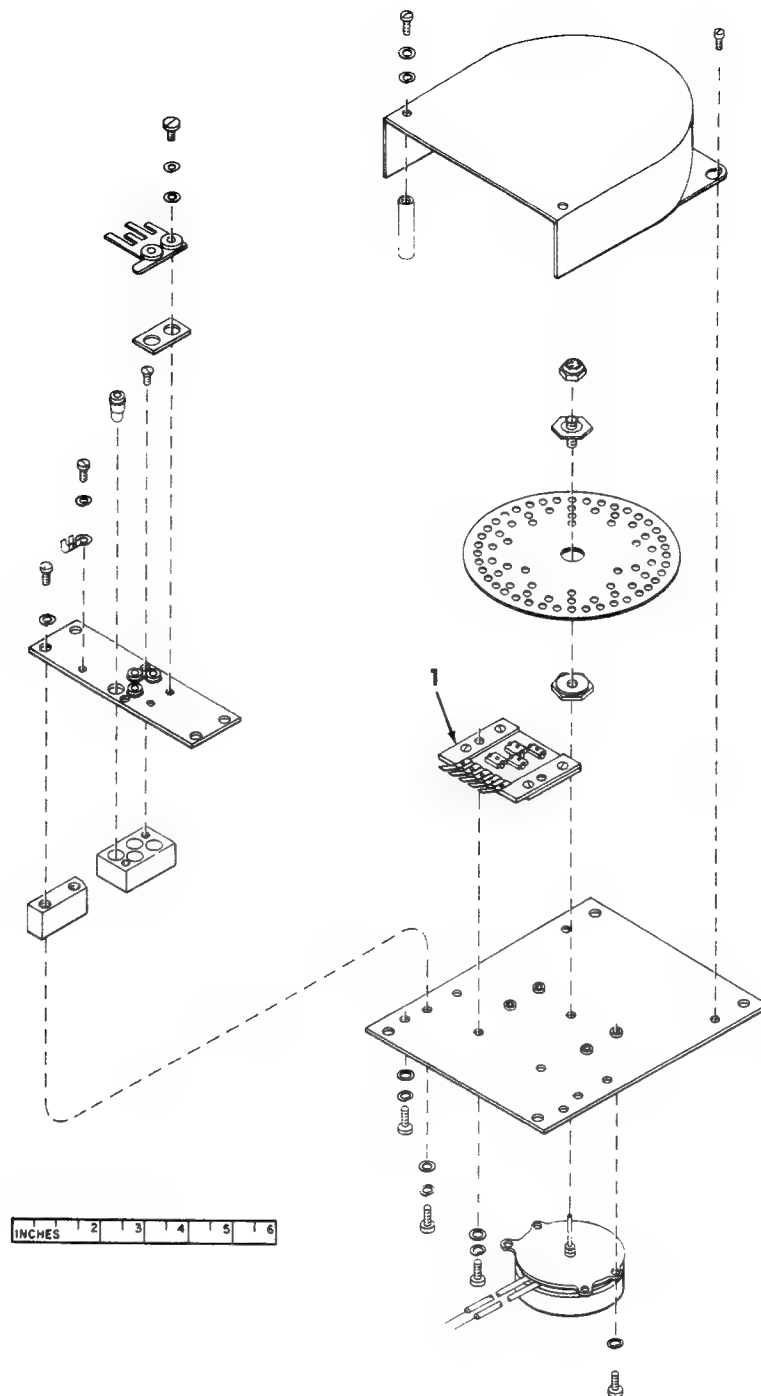
Figure 117. Generator, pulse O-300A/M (9000007)—partial exploded view



ORD G284207

1 CRYSTAL UNIT 8515007

Figure 118. Generator, pulse O-300A/M (9000007)—partial exploded view

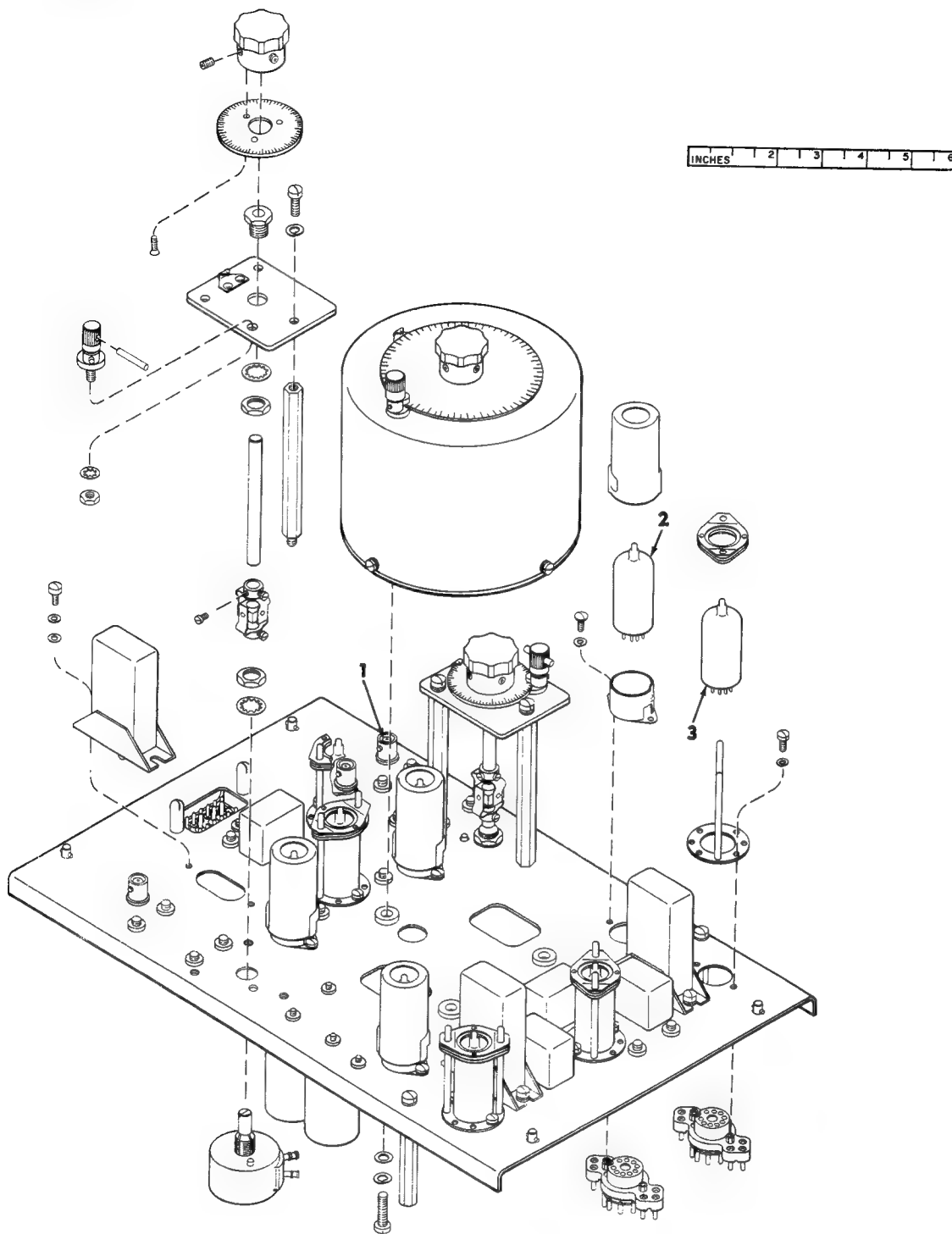


ORD G78638

1 PHOTOCCELL UNIT 8018269

Figure 119. Generator assembly (8012692)—exploded view

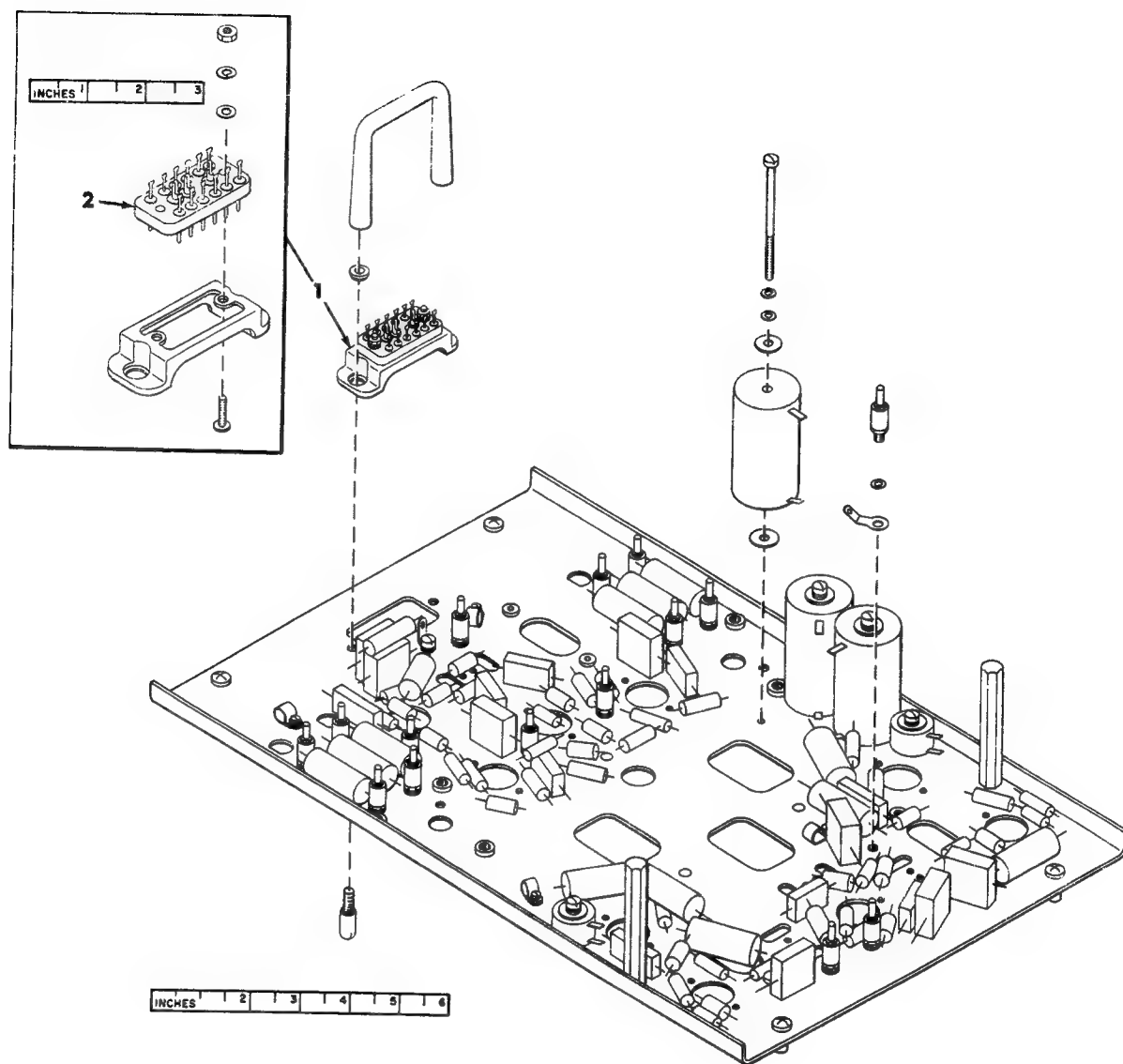




ORD G284208

- 1 CONNECTOR MS-27035-625B
- 2 ELECTRON TUBE 5814A
- 3 ELECTRON TUBE 5687WA

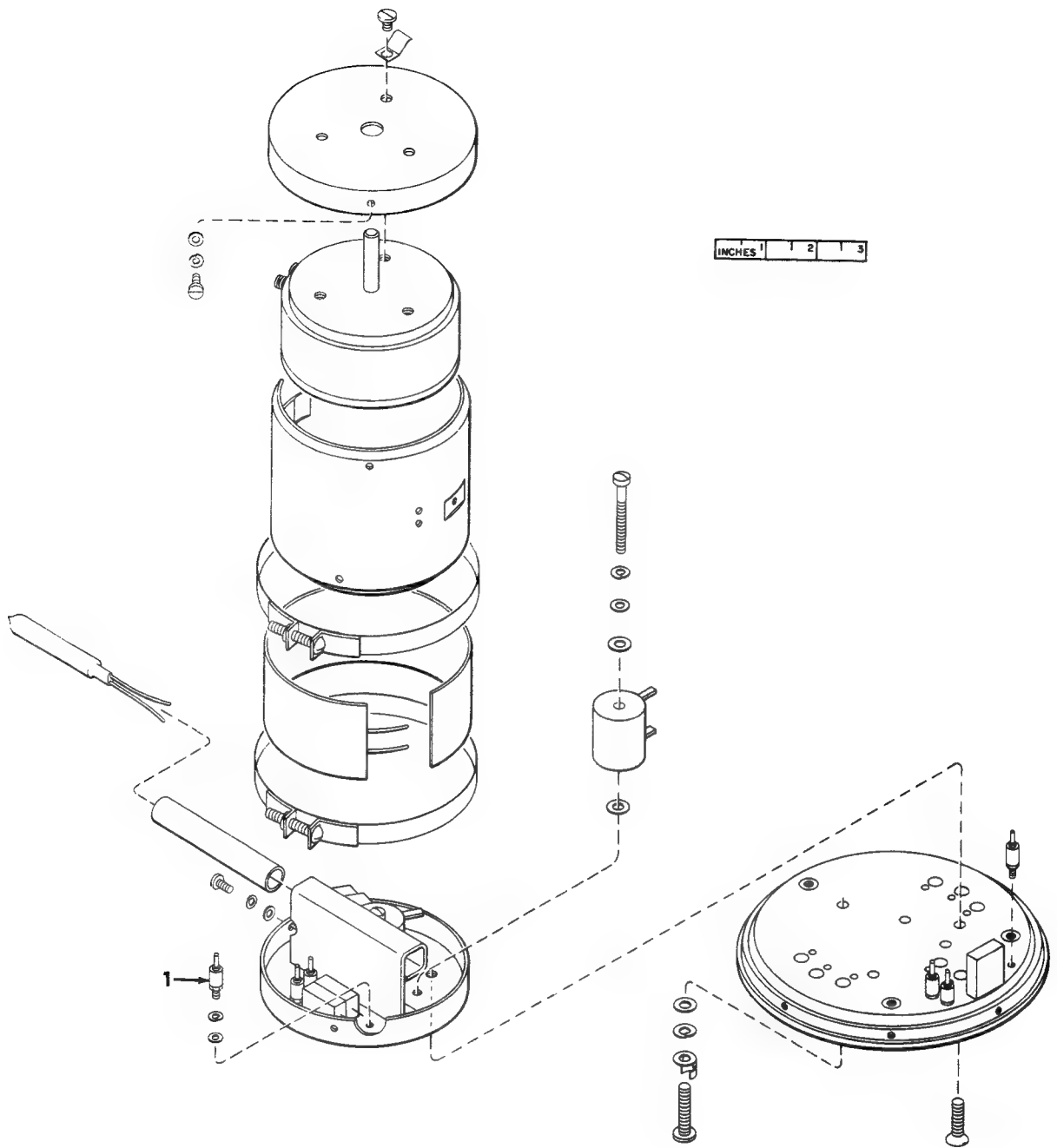
Figure 120. Generator, pulse (9142849)—partial exploded view



ORD G259966

- 1 CONNECTOR 7598051
- 2 CONNECTOR 7598934

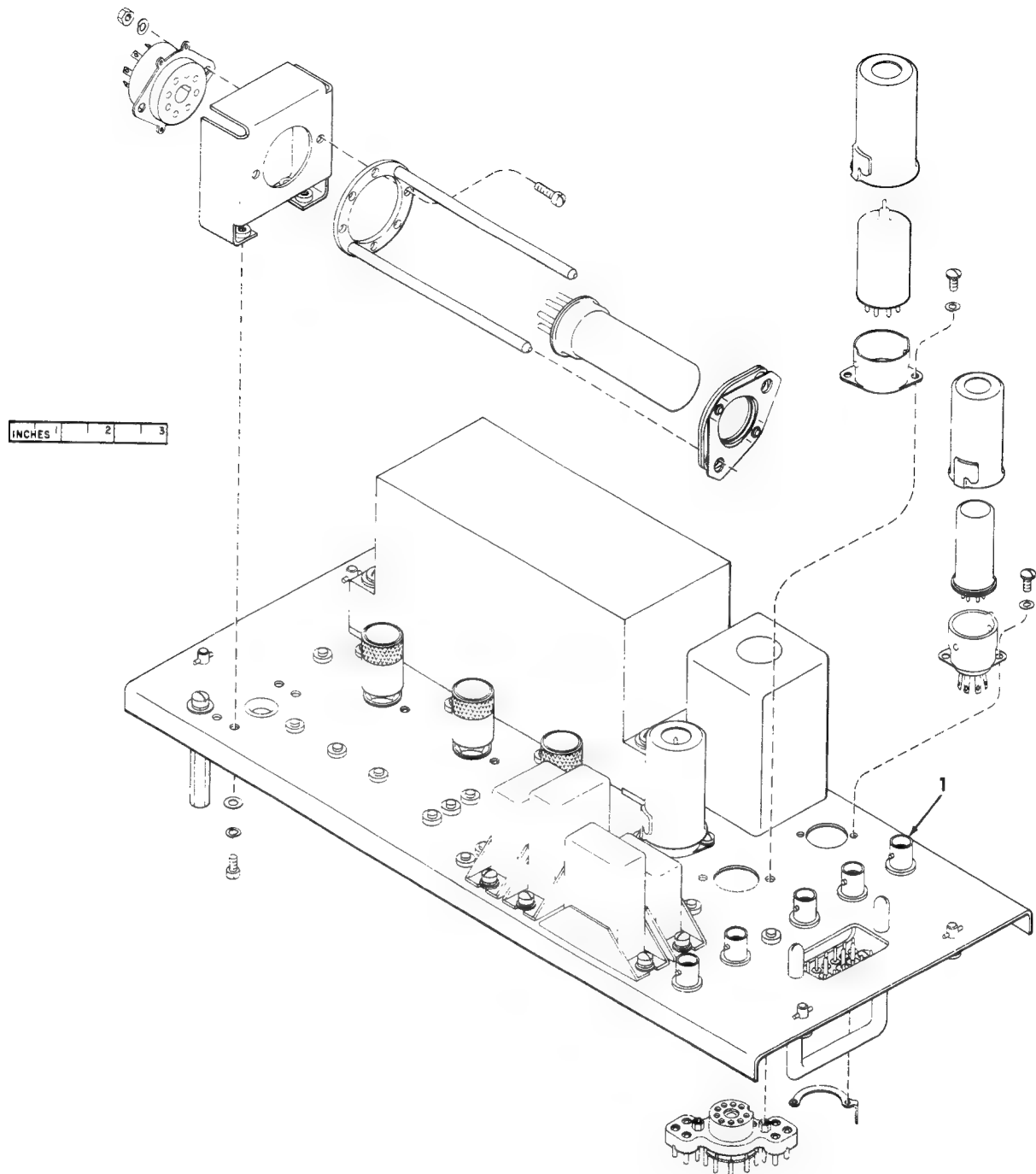
Figure 121. Generator, pulse (9142849)—partial exploded view



ORD G259967

1 TERMINAL 7598949

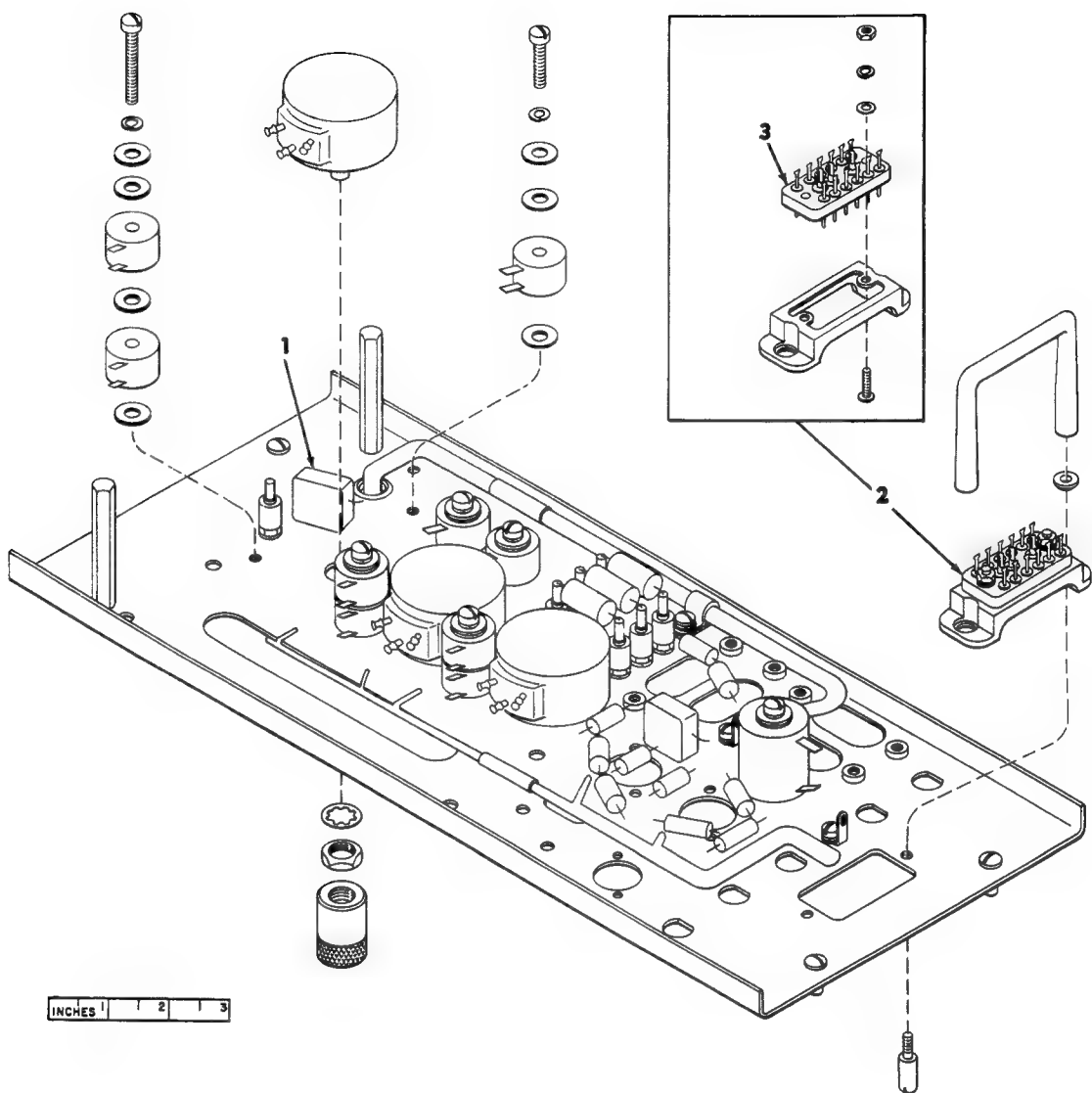
Figure 122. Oven assembly (9140175)—exploded view



ORD G284209

1 CONNECTOR MS-27035-6256

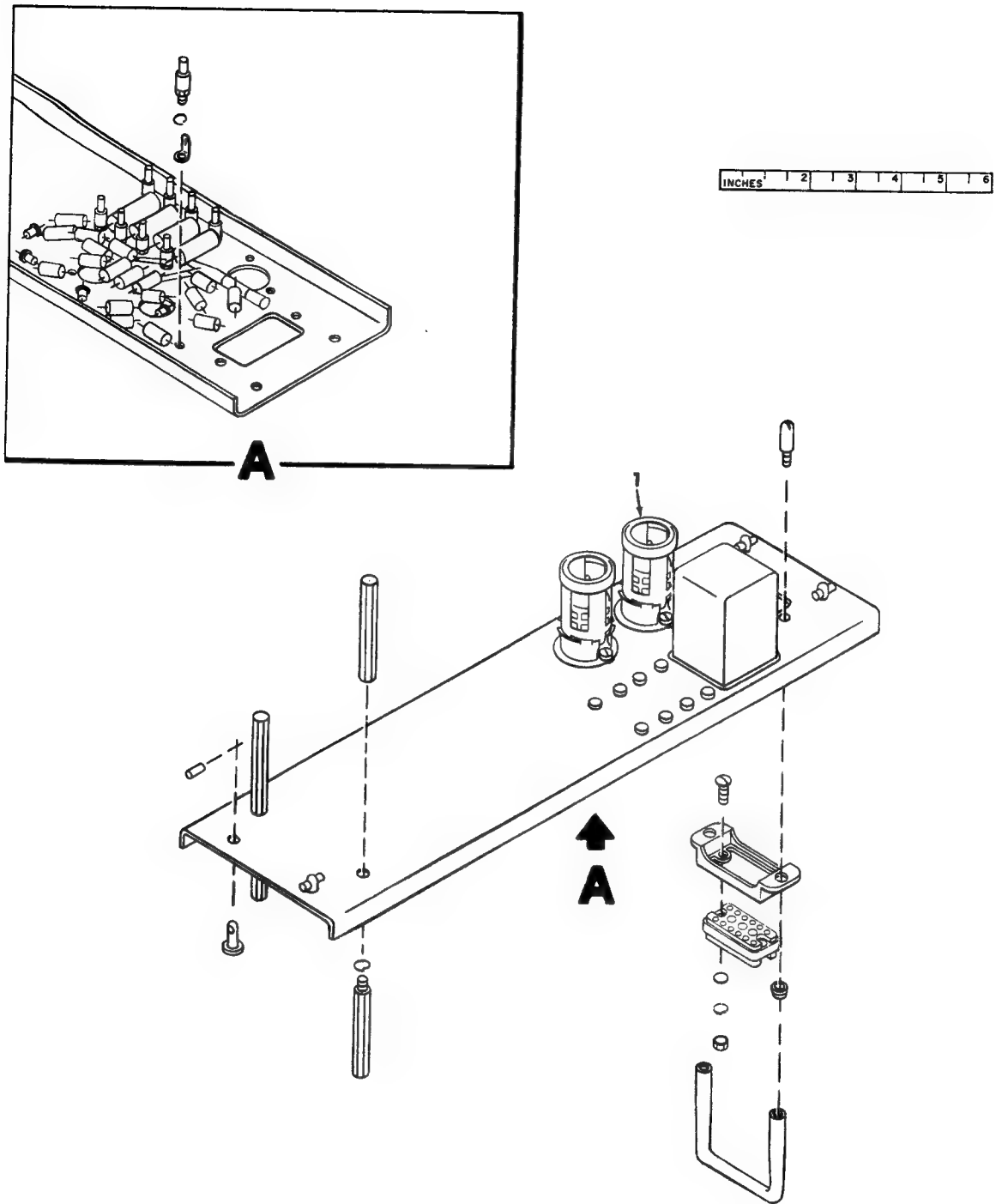
Figure 123. Amplifier-mixer stage (8513525)—partial exploded view



ORD G284210

- |   |           |           |
|---|-----------|-----------|
| 1 | CAPACITOR | CM35E103J |
| 2 | CONNECTOR | 7598051   |
| 3 | CONNECTOR | 7598934   |

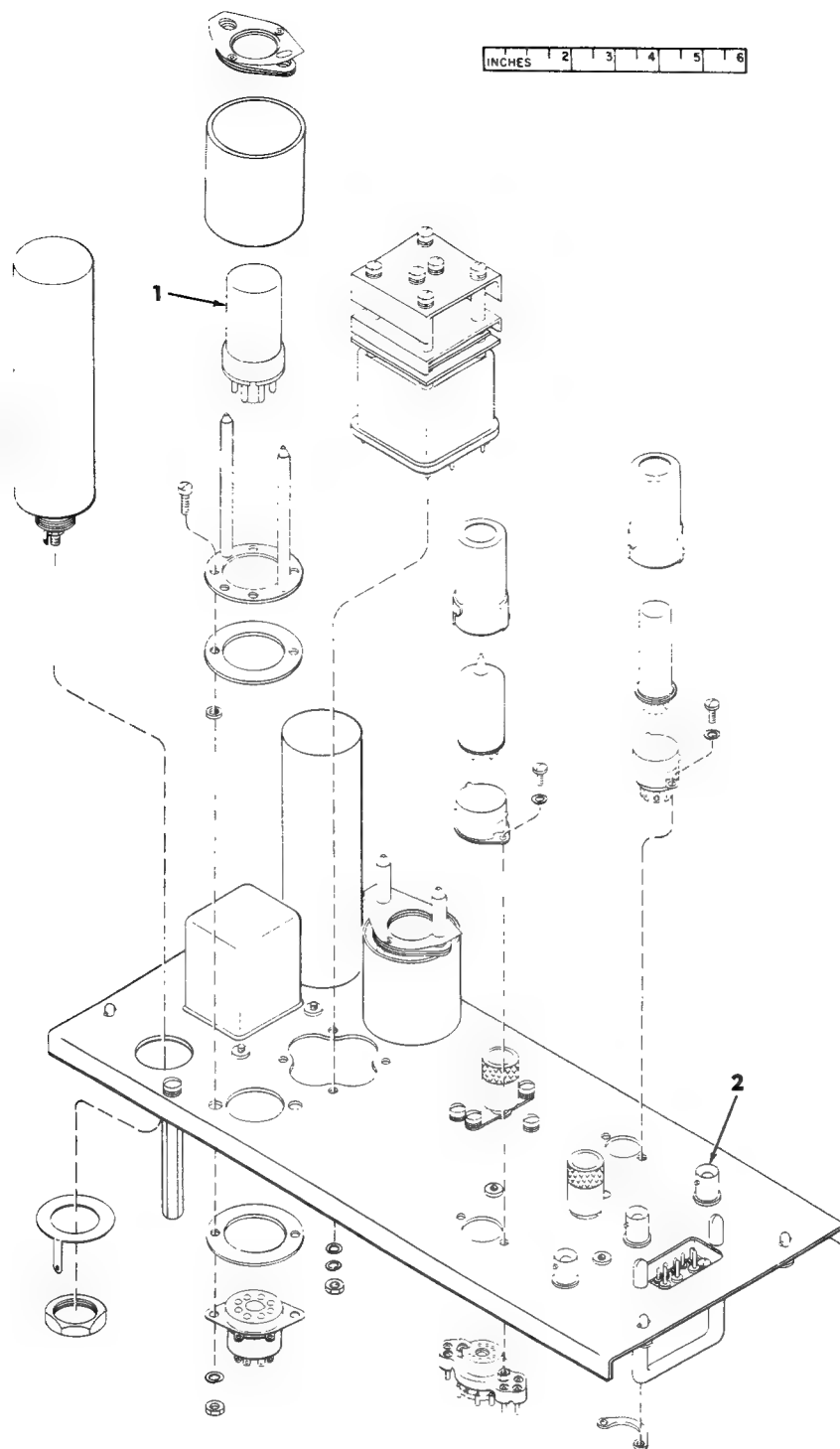
Figure 124. Amplifier-mixer stage (8513525)—partial exploded view



ORD G284211

1 ELECTRON TUBE 5670

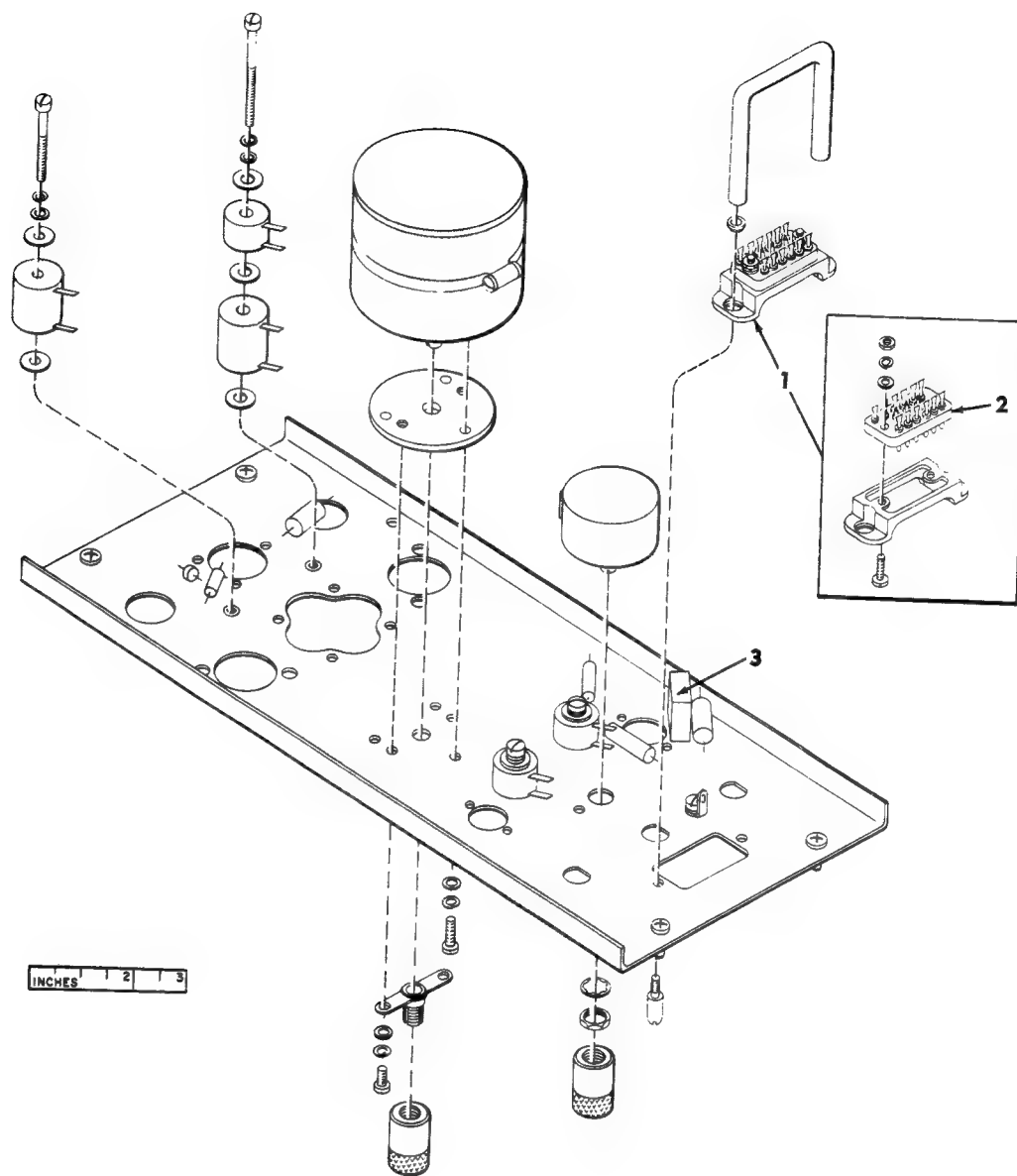
Figure 125. Relay, amplifier assembly (9995581)—exploded view



ORD G284212

- 1 ELECTRON TUBE 56V3
- 2 CONNECTOR MS-27035-6258

Figure 126. Generator, pulse O-303'M (8007725)—partial exploded view

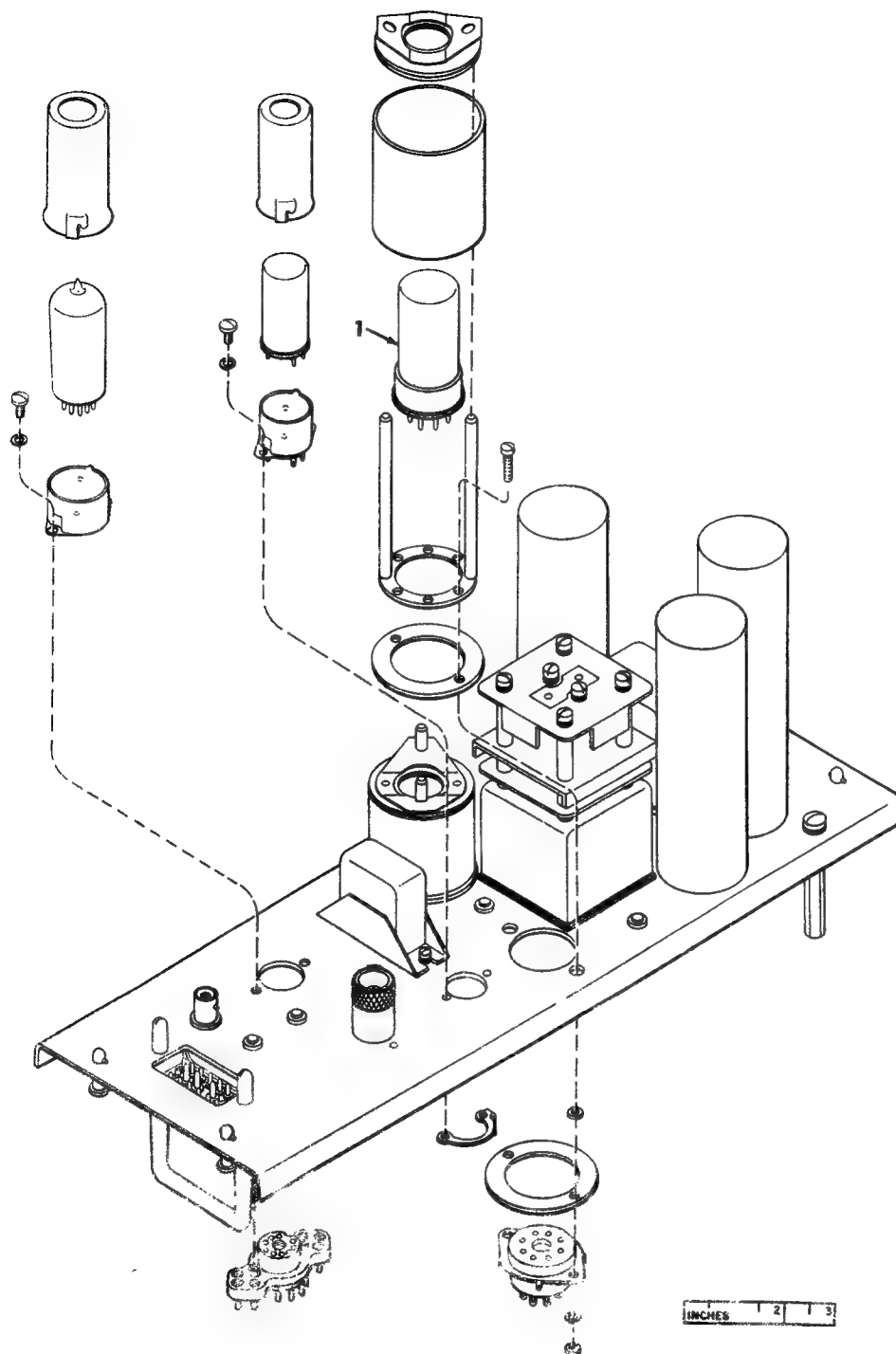


ORD G284213

- 1 CONNECTOR 7598051
- 2 CONNECTOR 7598934
- 3 CAPACITOR CM35E103J

Figure 127. Generator, pulse O-303/M (8007725)—partial exploded view

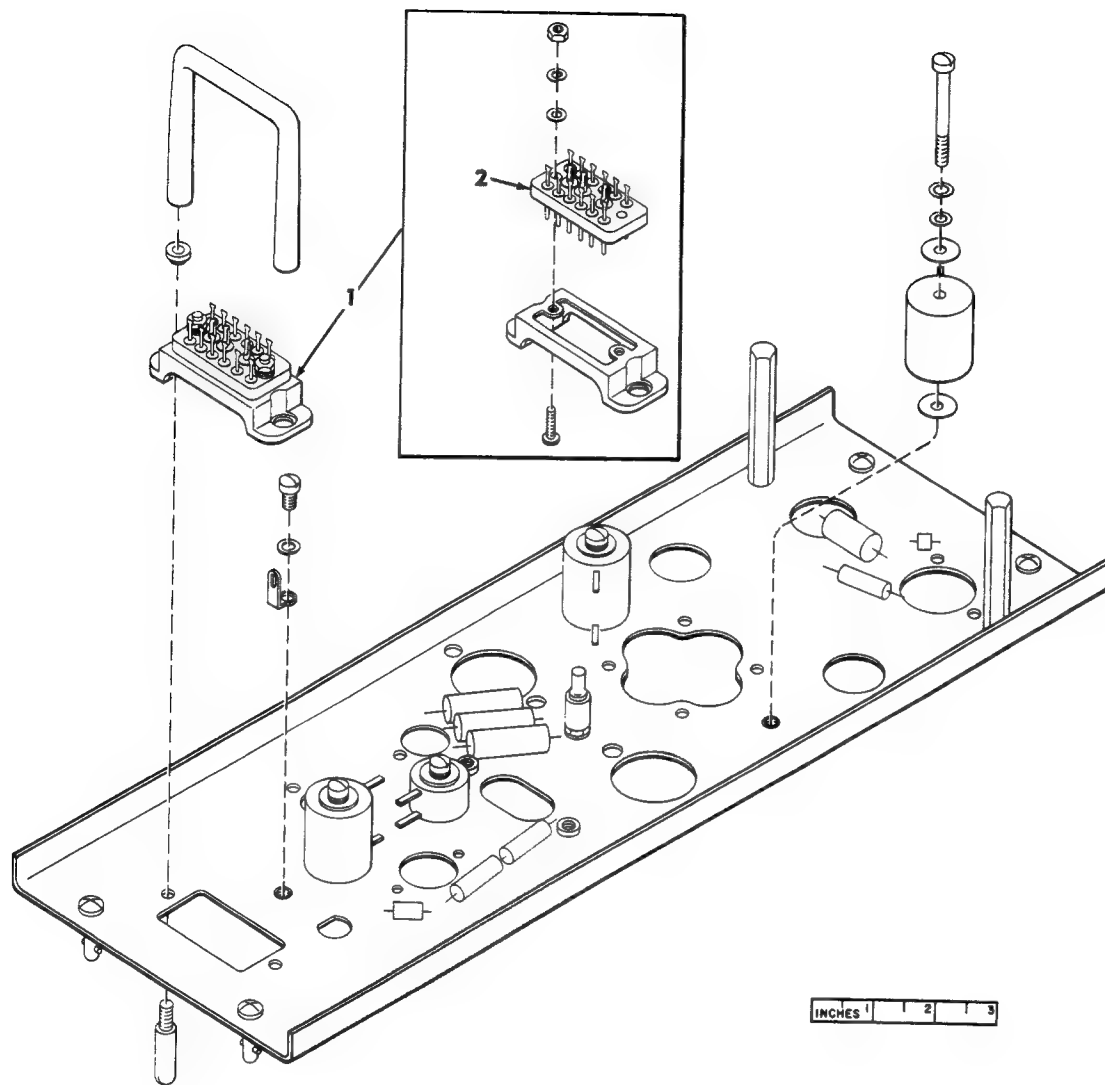




ORD G284214

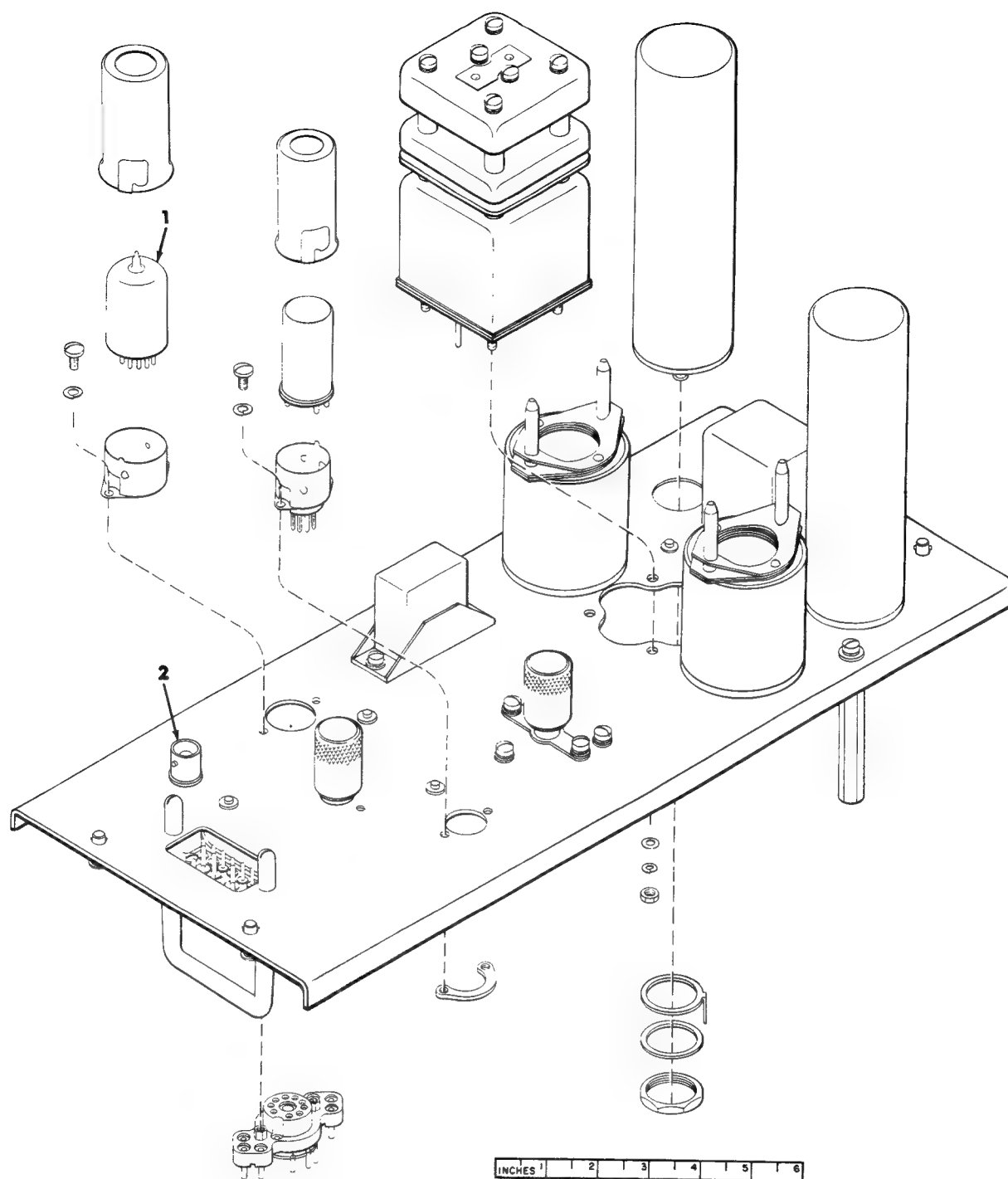
Figure 128. Generator, pul. G-30 (10) (S007726)—partial exploded view





ORD G259971

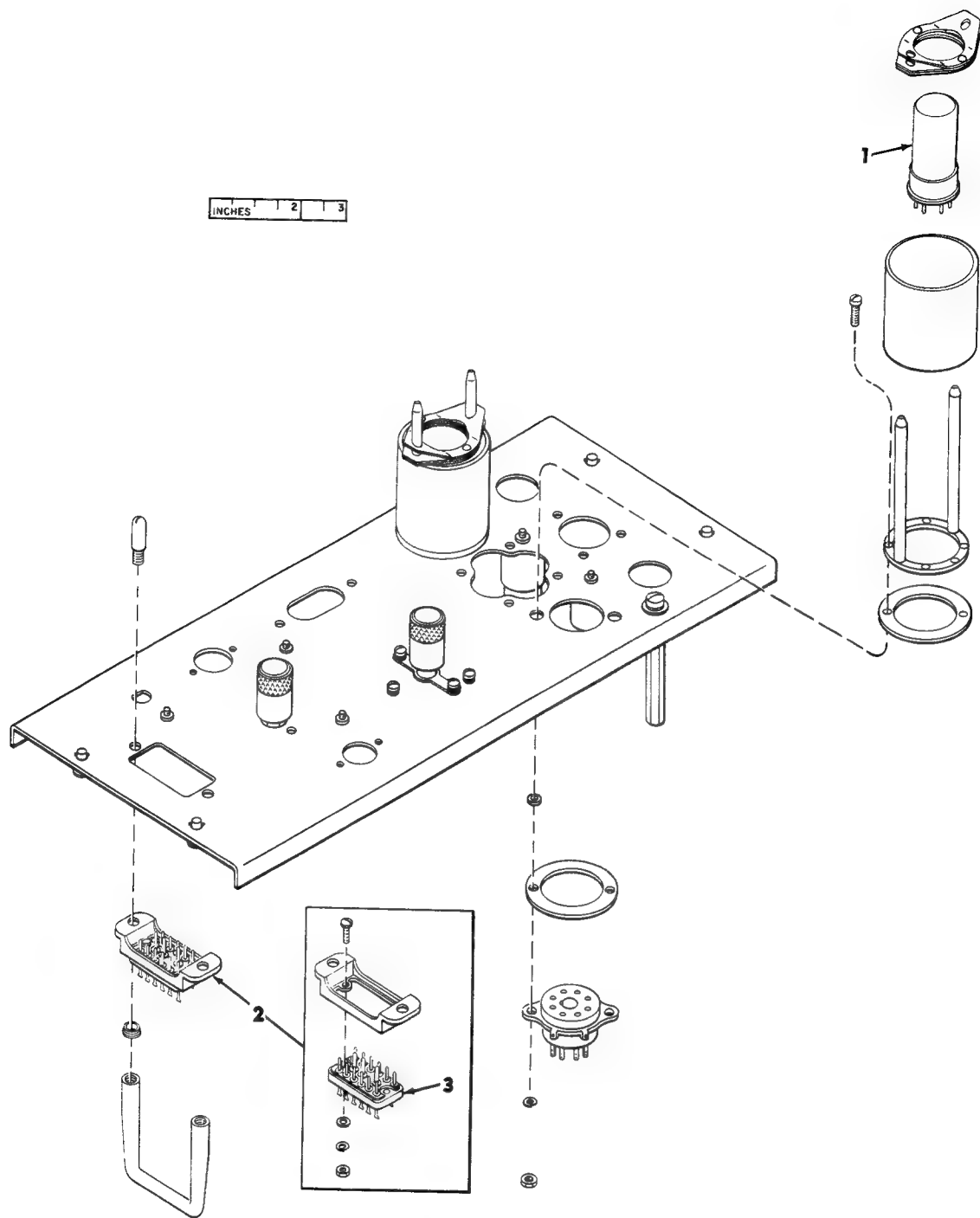
Figure 130. Generator, pulse O-304/M (8007726)--partial exploded view



- 1 ELECTRON TUBE 5814A  
2 CONNECTOR MS-27035-625B

ORD G284216

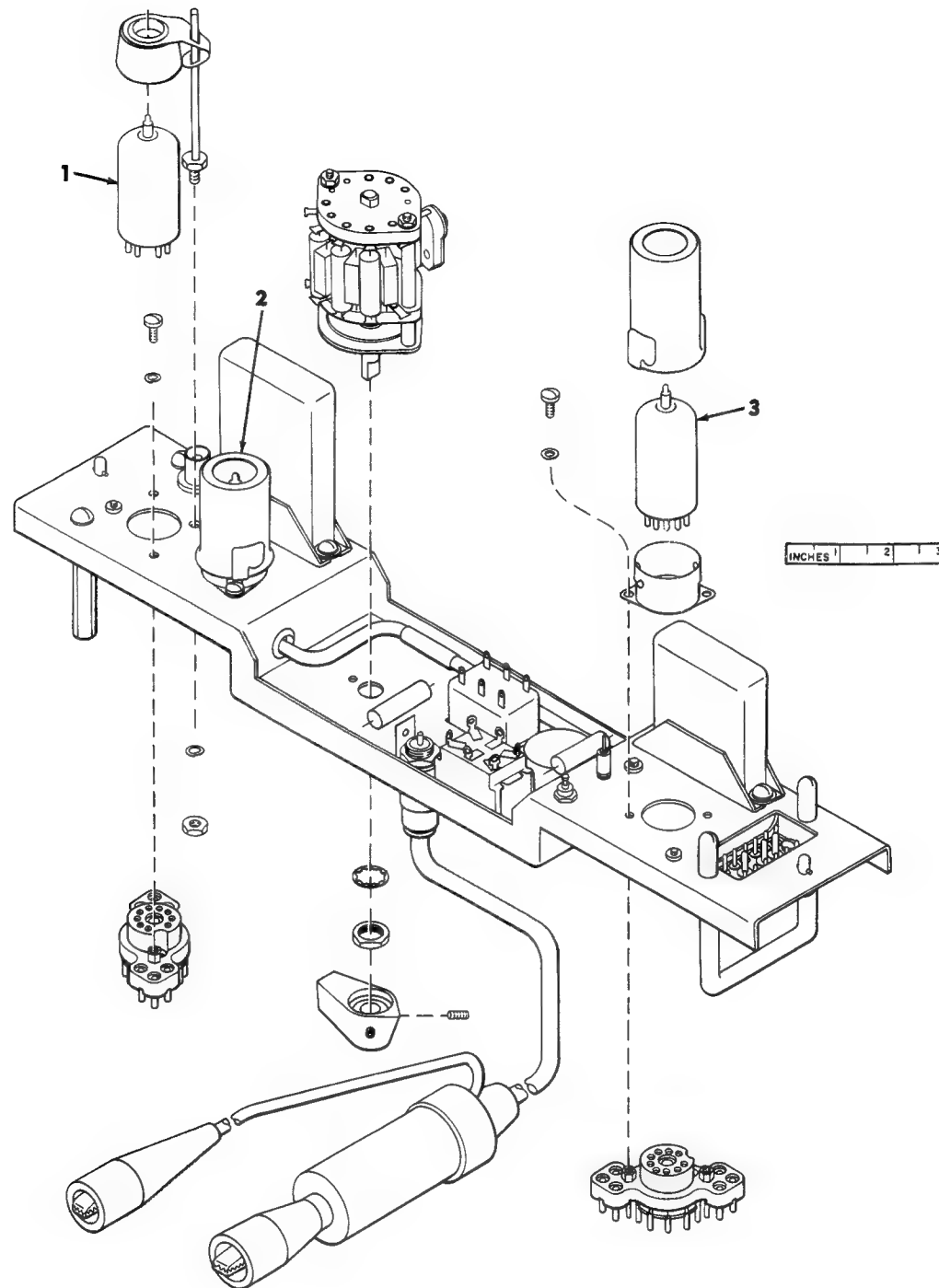
Figure 131. Generator, pulse O-305/M and O-306/M (8007727 and 8007728)—partial exploded view



ORD G284217

- 1 ELECTRON TUBE 5693
- 2 CONNECTOR 7598051
- 3 CONNECTOR 7598934

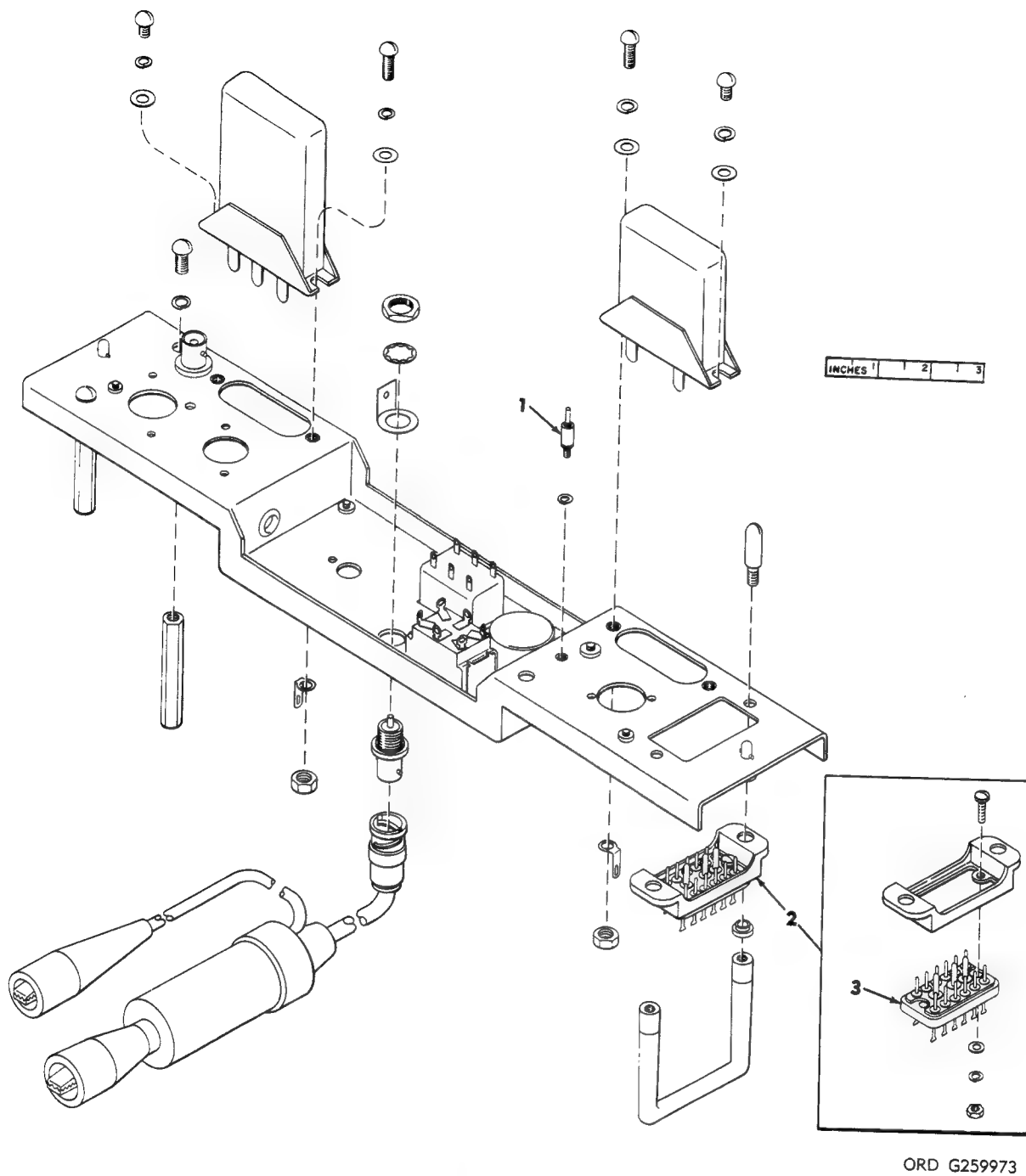
Figure 132. Generator, pulse O-305/M and O-306/M (8007727 and 8007728)—partial exploded view



ORD G284218

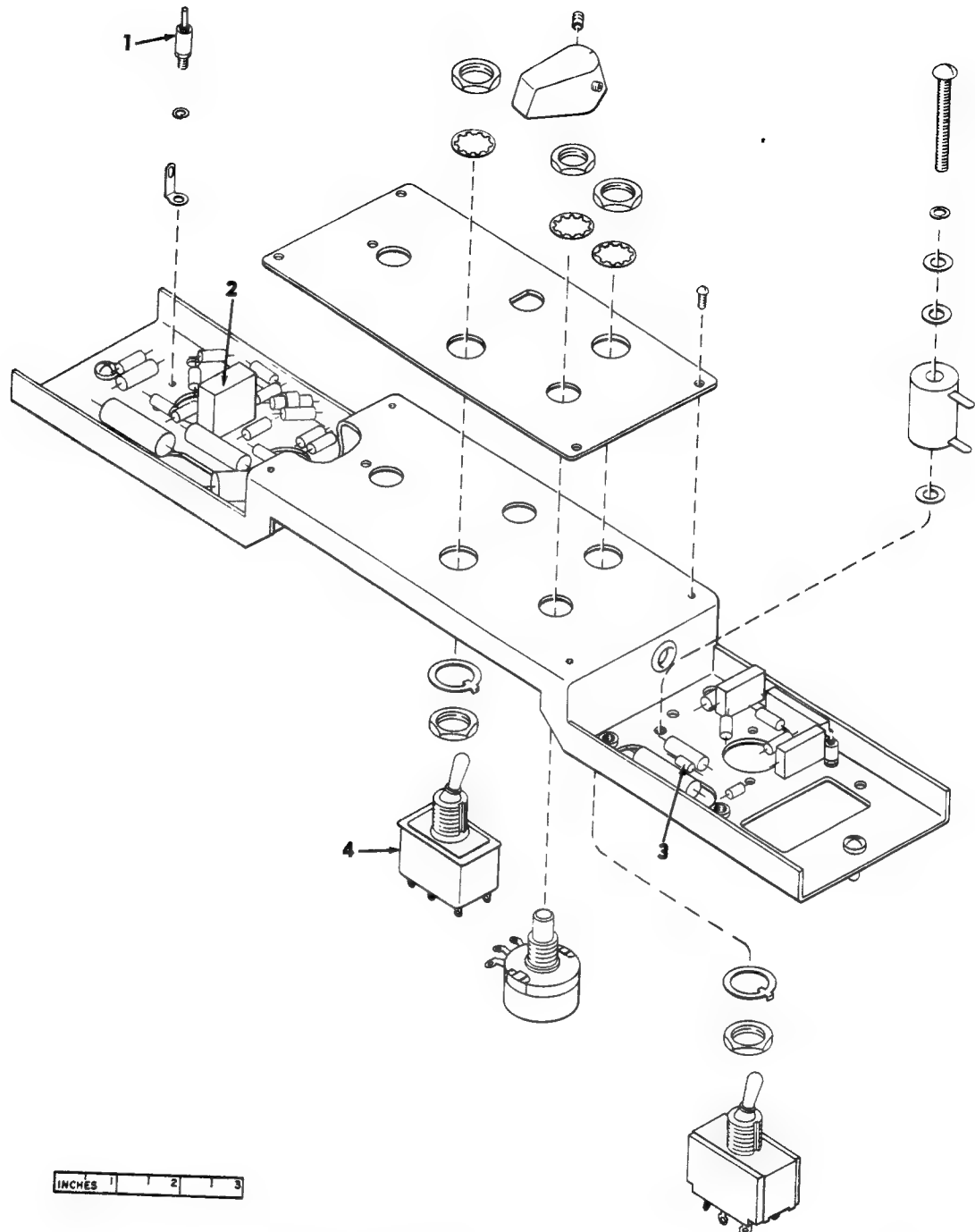
- 1 ELECTRON TUBE 5687WA
- 2 ELECTRON TUBE 6AH6
- 3 ELECTRON TUBE 5814A

Figure 133. Adapter, test (8520413)—partial exploded view



- 1 TERMINAL 7598949
- 2 CONNECTOR 7598051
- 3 CONNECTOR 7598934

Figure 134. Adapter, test (8520413)—partial exploded view

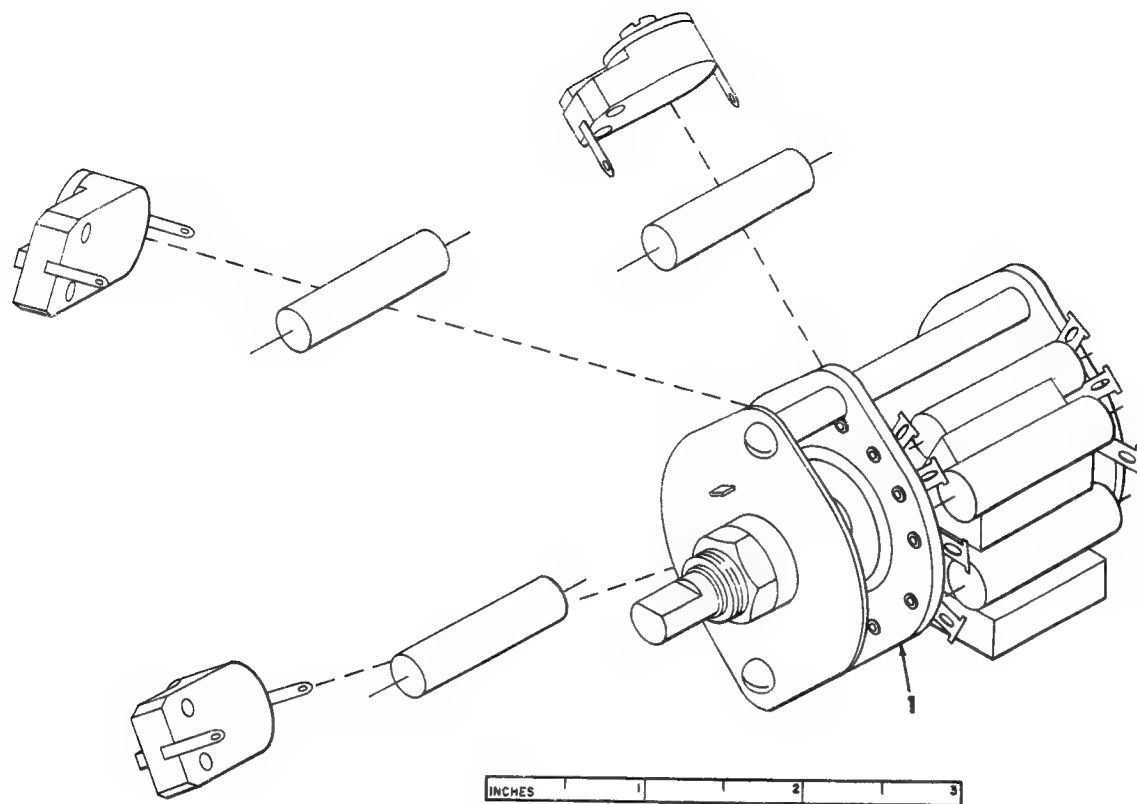


- 1 TERMINAL 7598949
- 2 CAPACITOR CM35E103J
- 3 SEMICONDUCTOR DEVICE  
7598937
- 4 SWITCH MS-25100-23

ORD G284219

Figure 135. Adapter, test (8520413)—partial exploded view

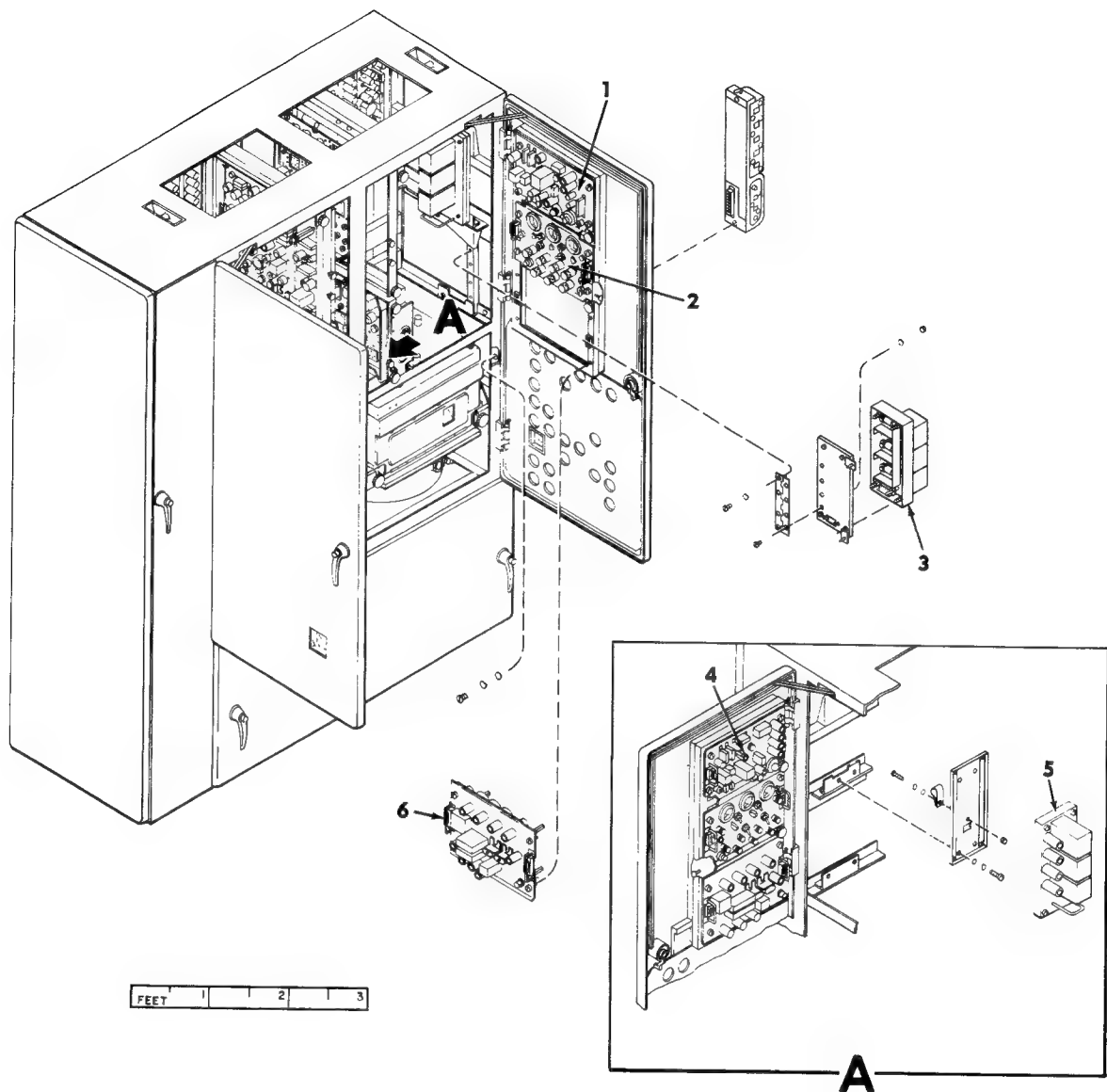




ORD G284220

1 SWITCH 7614301

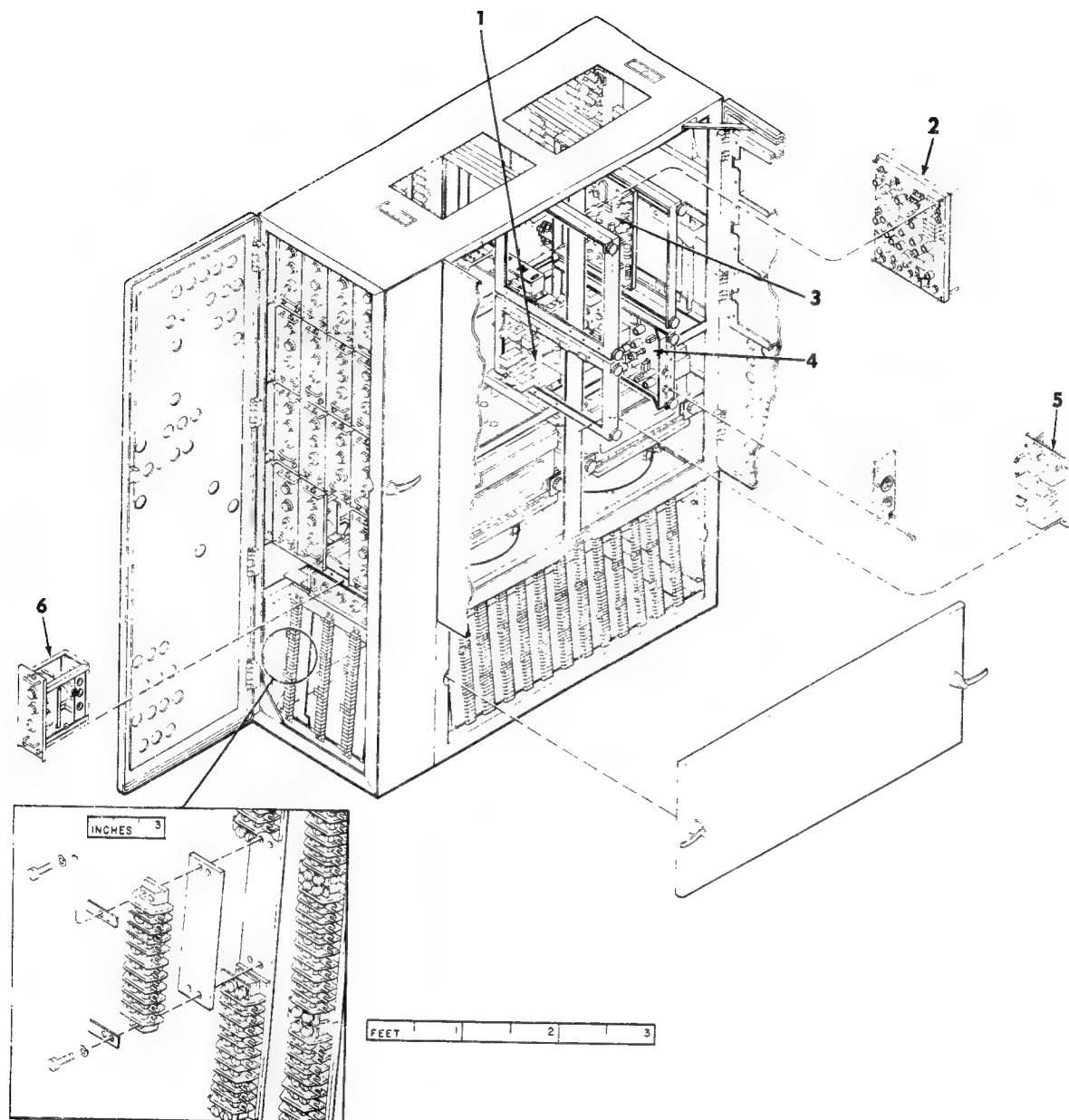
Figure 136. Switch, rotary (7611318)—exploded view



ORD G284221

- 1 GENERATOR 9143780
- 2 MONITOR 9156506
- 3 FILTER 9996138
- 4 GENERATOR 8171572
- 5 CONVERTER 9008187
- 6 CONTROL 9007334

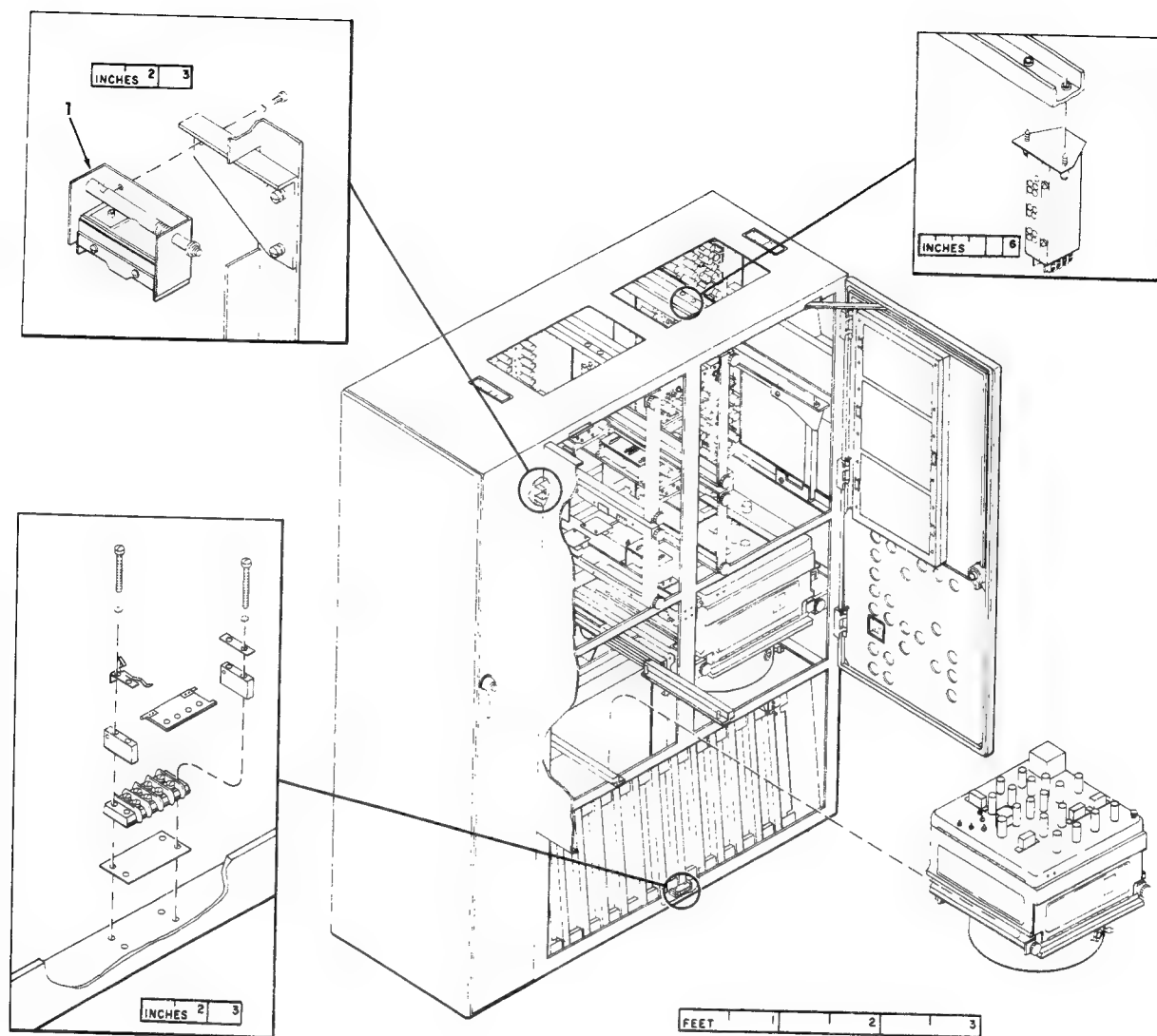
Figure 137. Radar set group (9141141)—partial exploded view



- 1 AMPLIFIER 9155814
- 2 CONVERTER 9140771
- 3 GENERATOR ASSEMBLY 9143996
- 4 GENERATOR 8173973
- 5 AMPLIFIER 8517944
- 6 CONTROL 8608199

ORD G284222

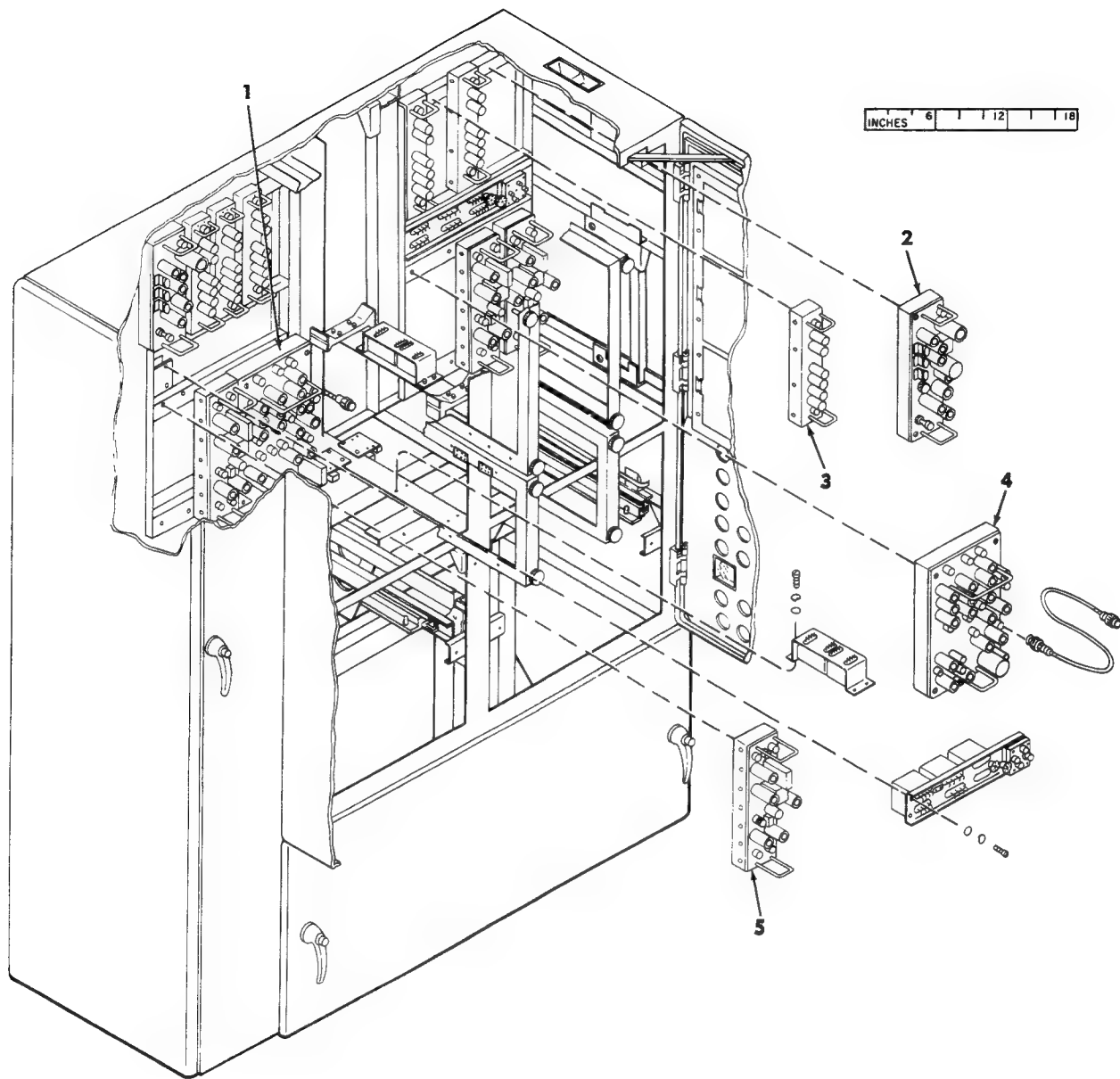
Figure 138. Radar set group (9141141)—partial exploded view



ORD G284223

1 SWITCH 7602749

Figure 139. Radar set group (9141141)—partial exploded view

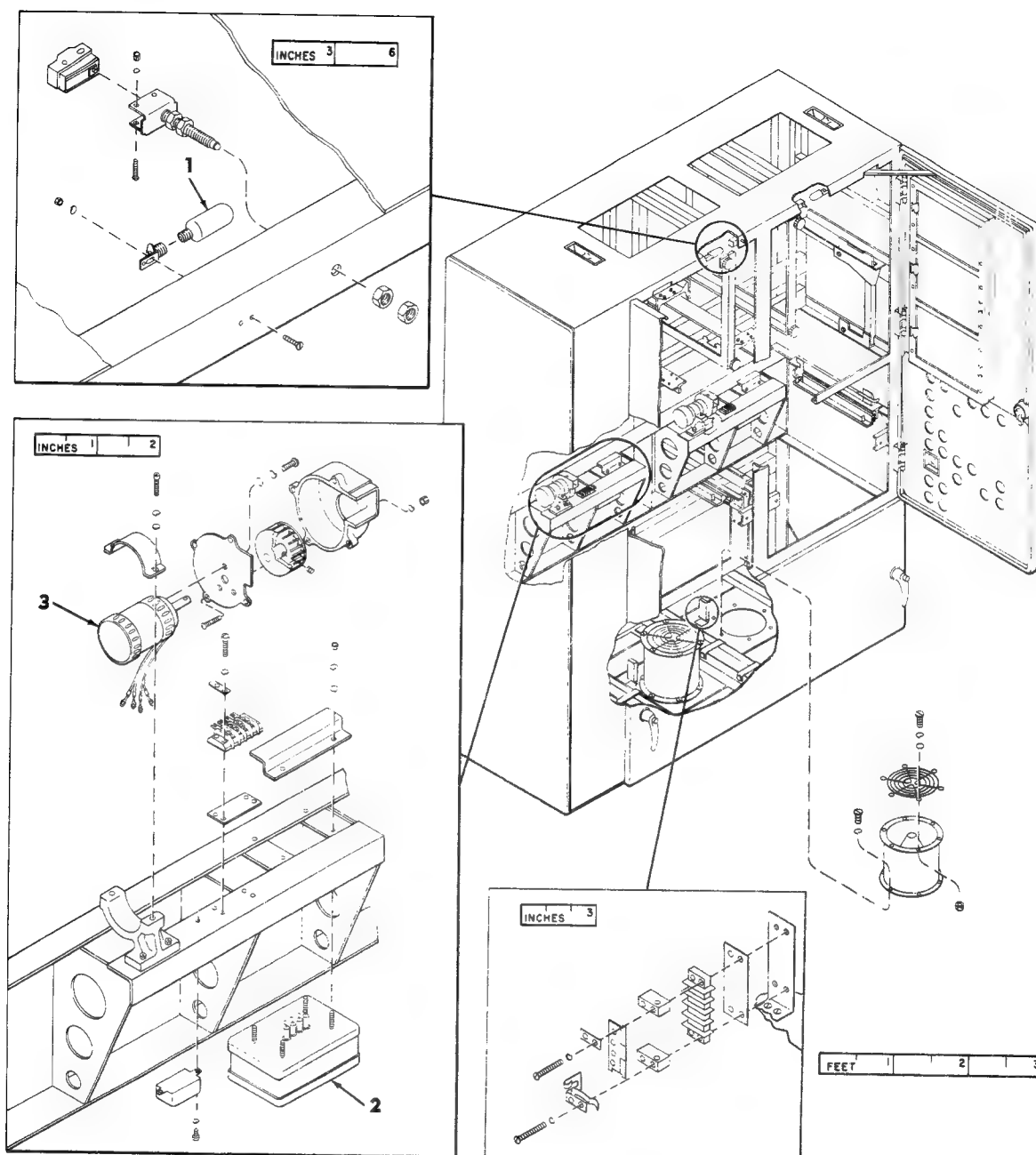


ORD G284224

1 AMPLIFIER-DETECTOR  
9009562  
2 CONTROL 9009464  
3 AMPLIFIER 9009281

4 AMPLIFIER-DETECTOR  
9997999  
5 DETECTOR 9009270

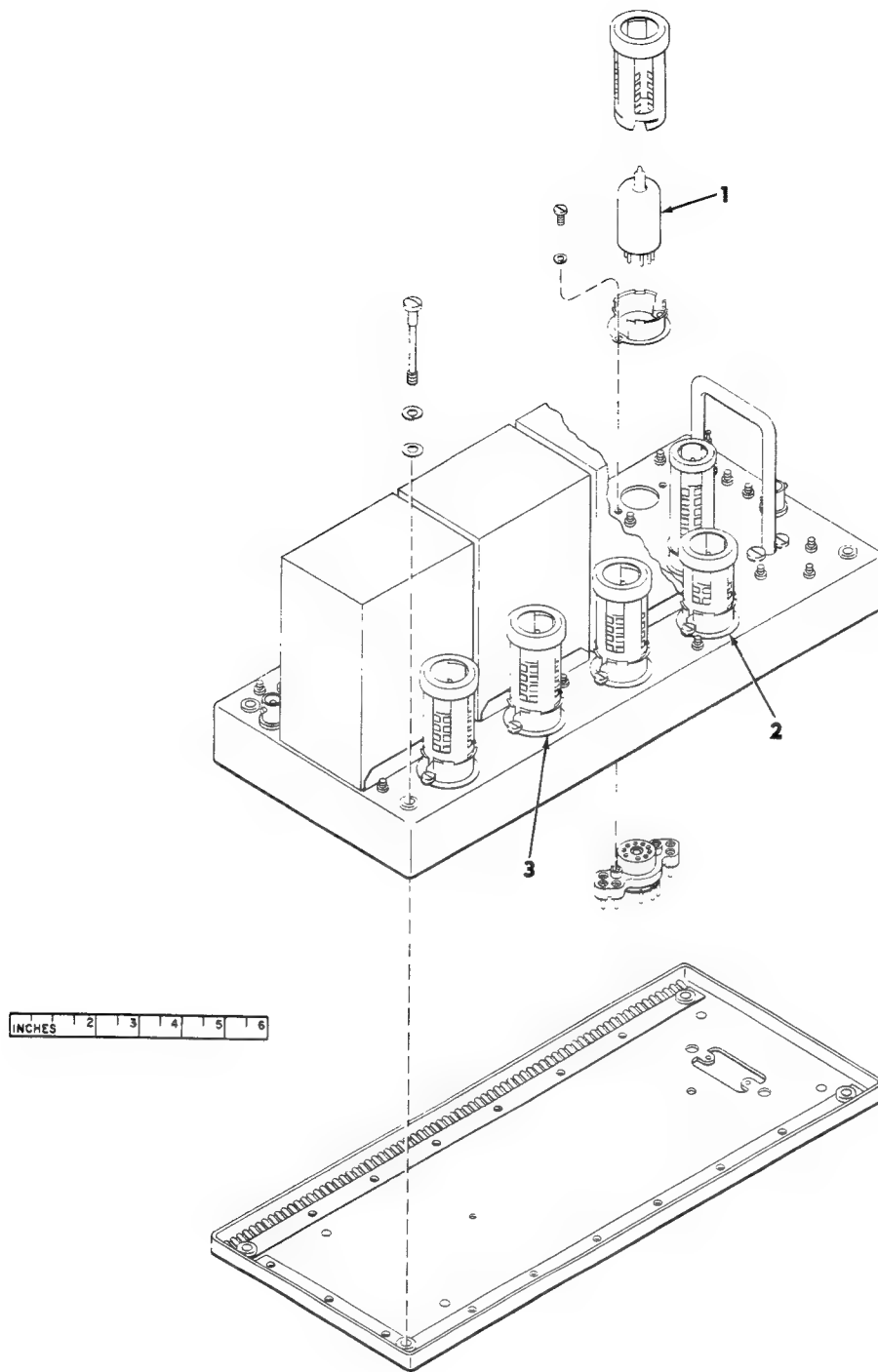
Figure 140. Radar set group (9141141)—partial exploded view



ORD G284225

- 1 LAMP 8176510
- 2 REGULATOR 8015382
- 3 MOTOR 7599786

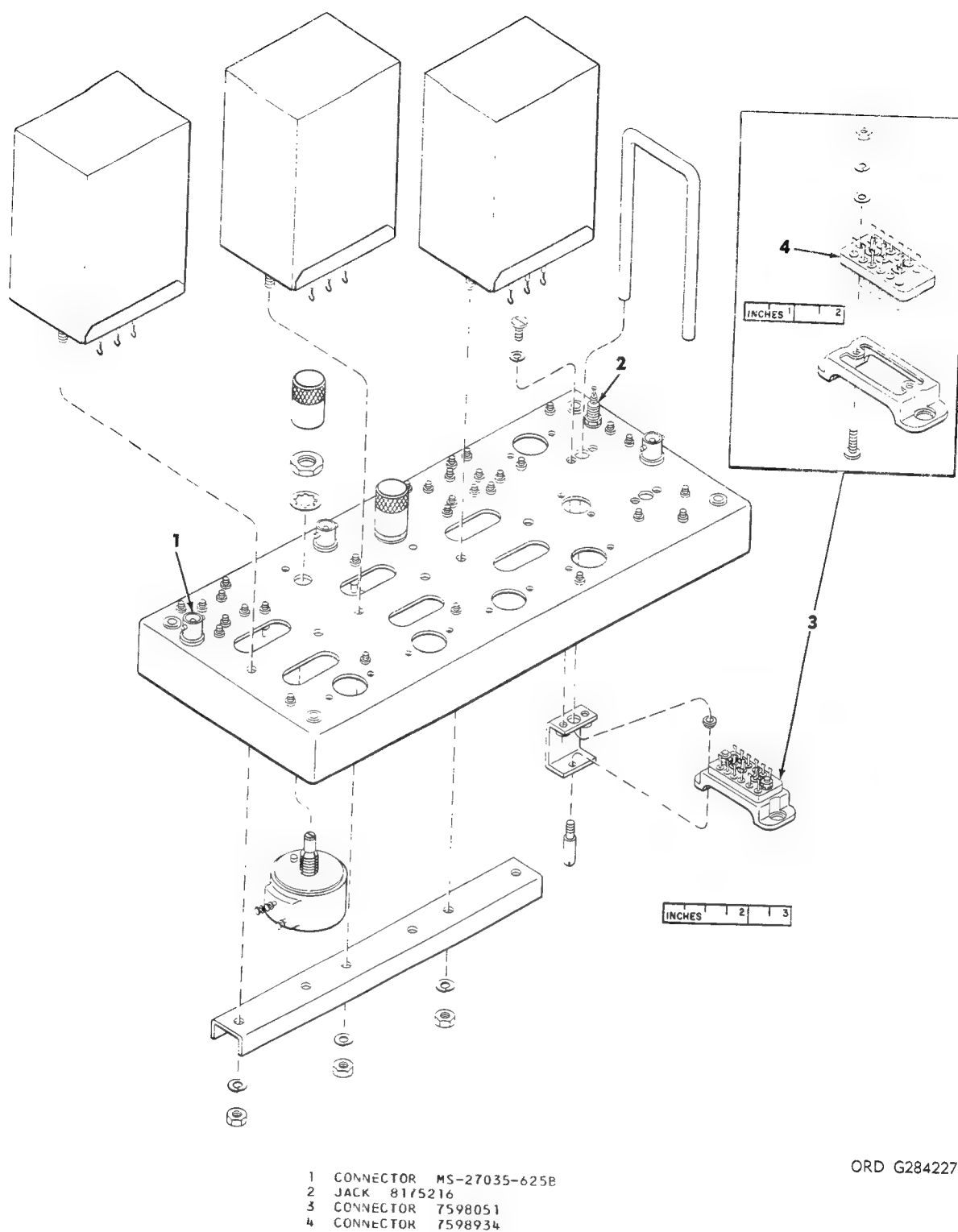
Figure 141. Radar set group (9141141)—partial exploded view



ORD G284226

- 1 ELECTRON TUBE 5687WA
- 2 ELECTRON TUBE 5670
- 3 ELECTRON TUBE 5751

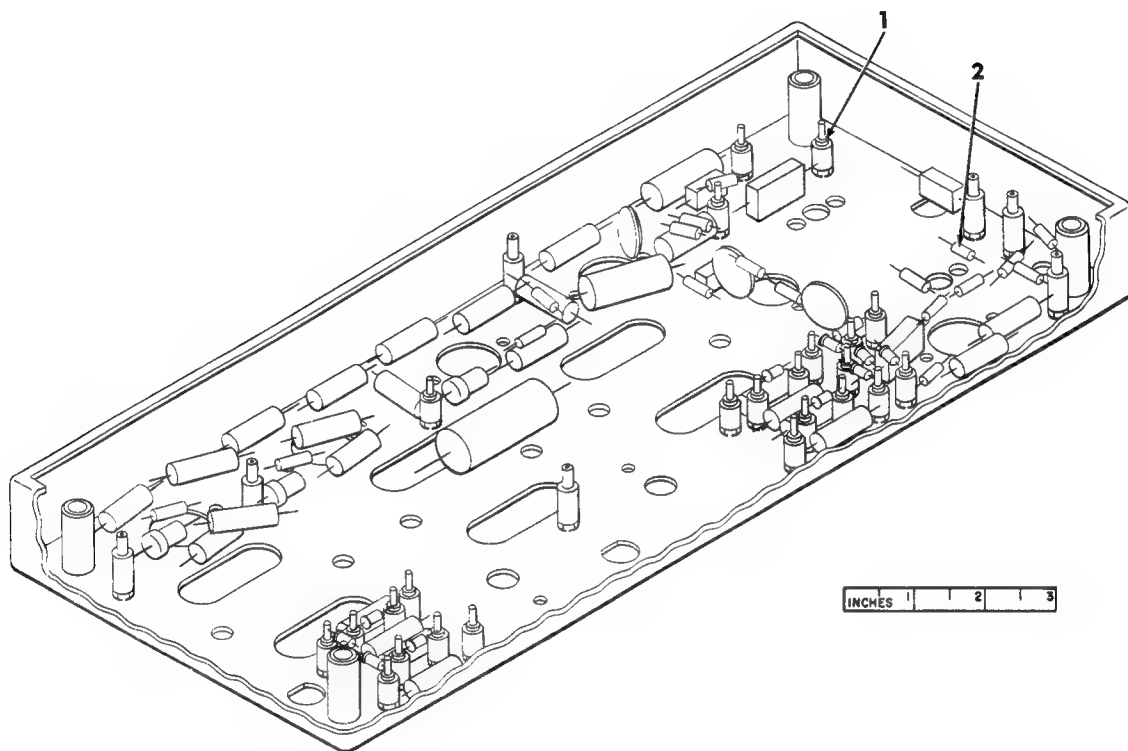
Figure 142. Converter, wave form (9008187)—partial exploded view



ORD G284227

Figure 143. Converter, wave form (9008187)—partial exploded view

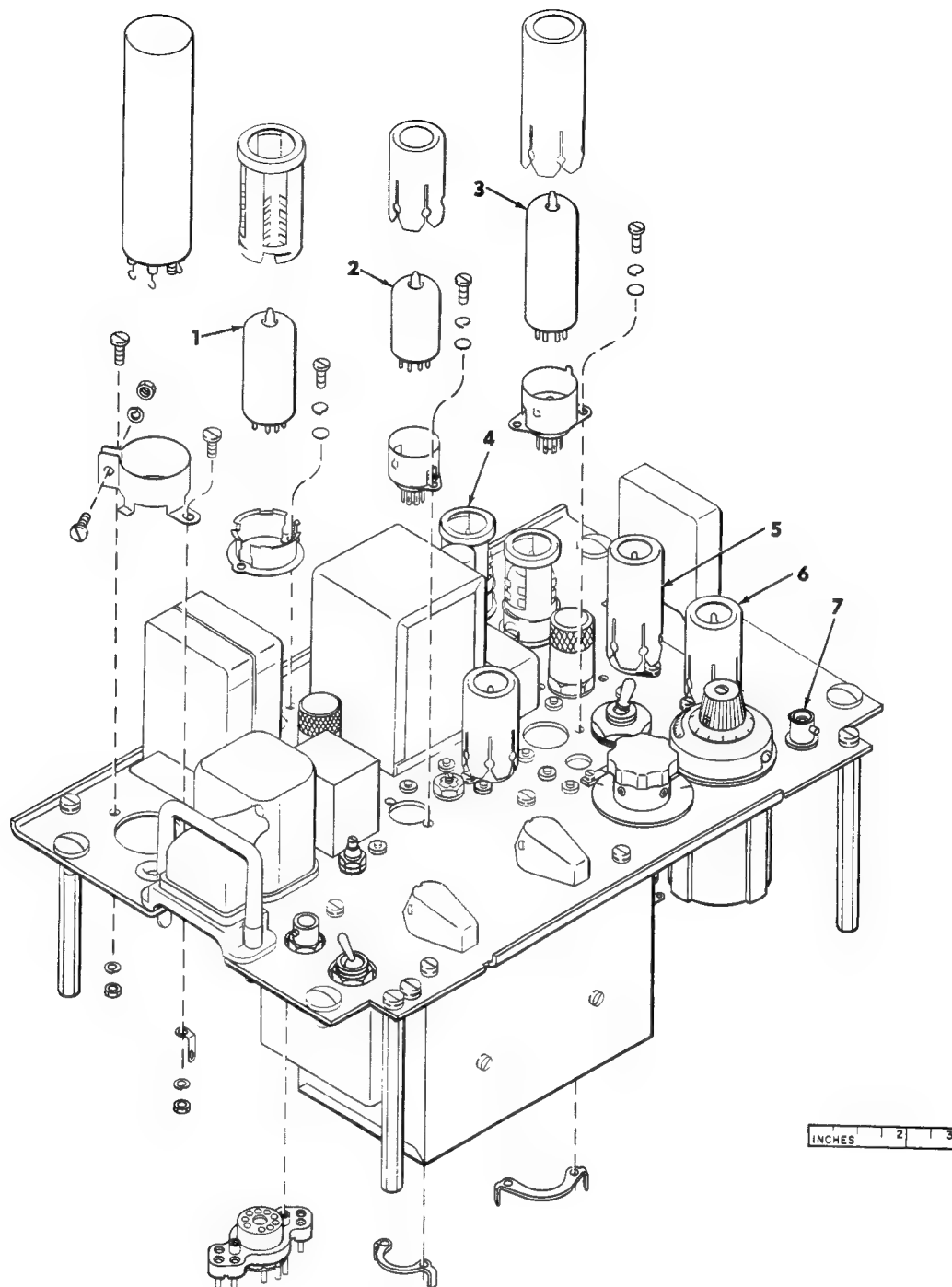




ORD G259987

- 1 TERMINAL 7598949  
2 SEMICONDUCTOR DEVICE 1N198

Figure 144. Converter, wave form (9008187)—partial exploded view

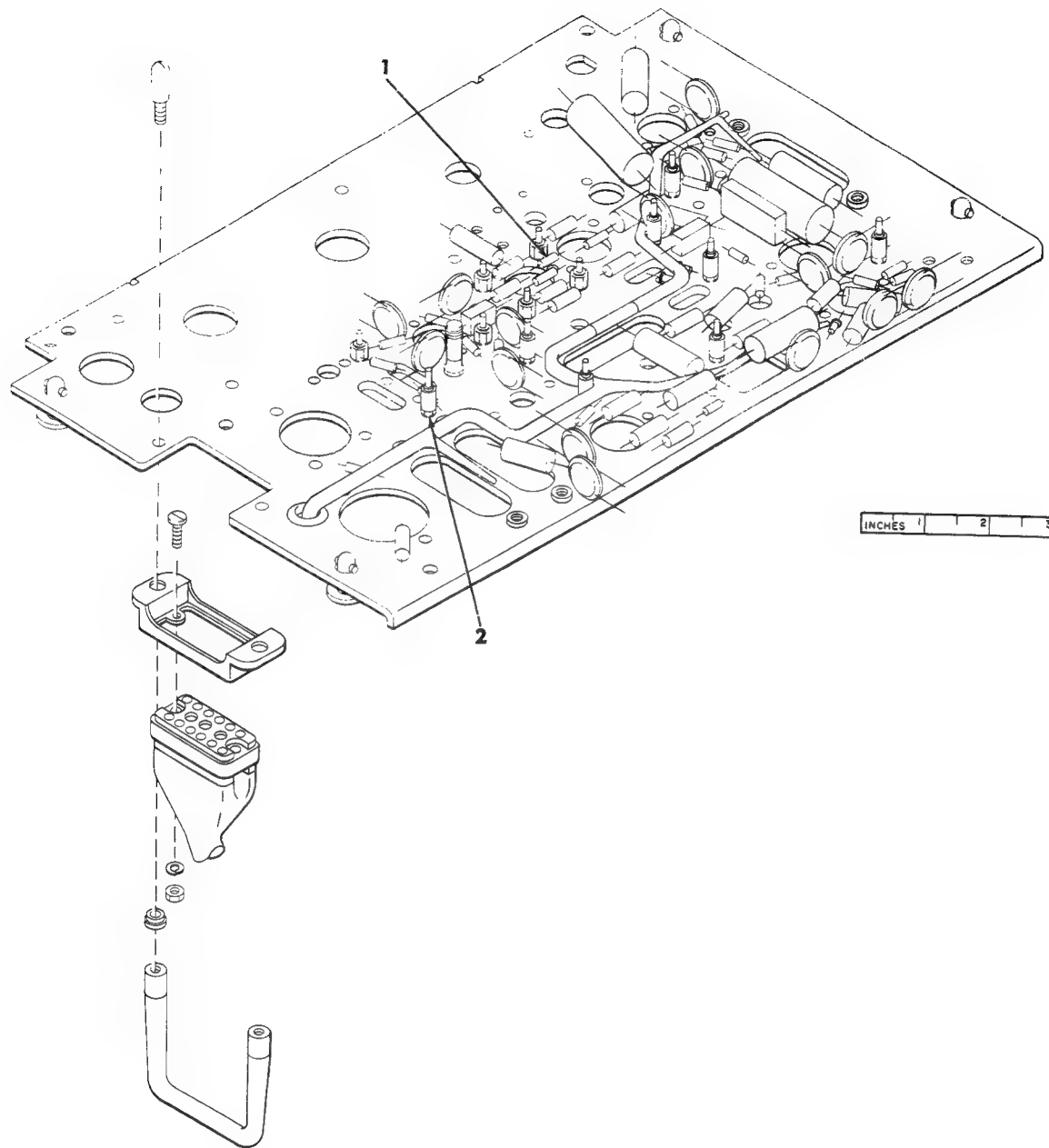


- 1 ELECTRON TUBE 5687WA
- 2 ELECTRON TUBE 6AK5WH
- 3 ELECTRON TUBE 5763
- 4 ELECTRON TUBE 5670

- 5 ELECTRON TUBE 8175281
- 6 ELECTRON TUBE 5726/6AL5W
- 7 CONNECTOR MS-27035-625B

ORD G284228

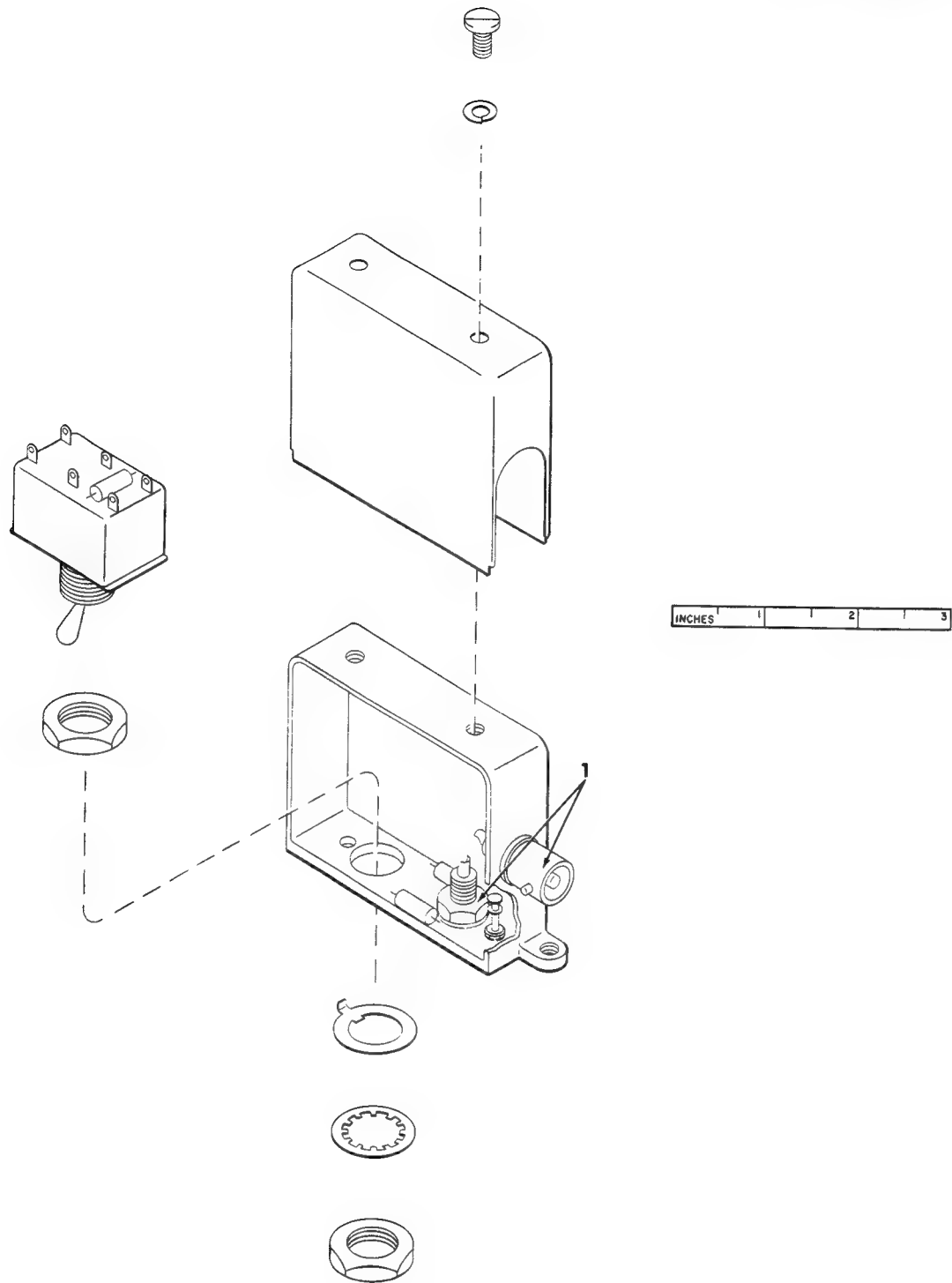
Figure 145. Generator, signal (9143780)—partial exploded view



ORD G259978

- 1 CRYSTAL UNIT 8024445
- 2 TERMINAL 7598949

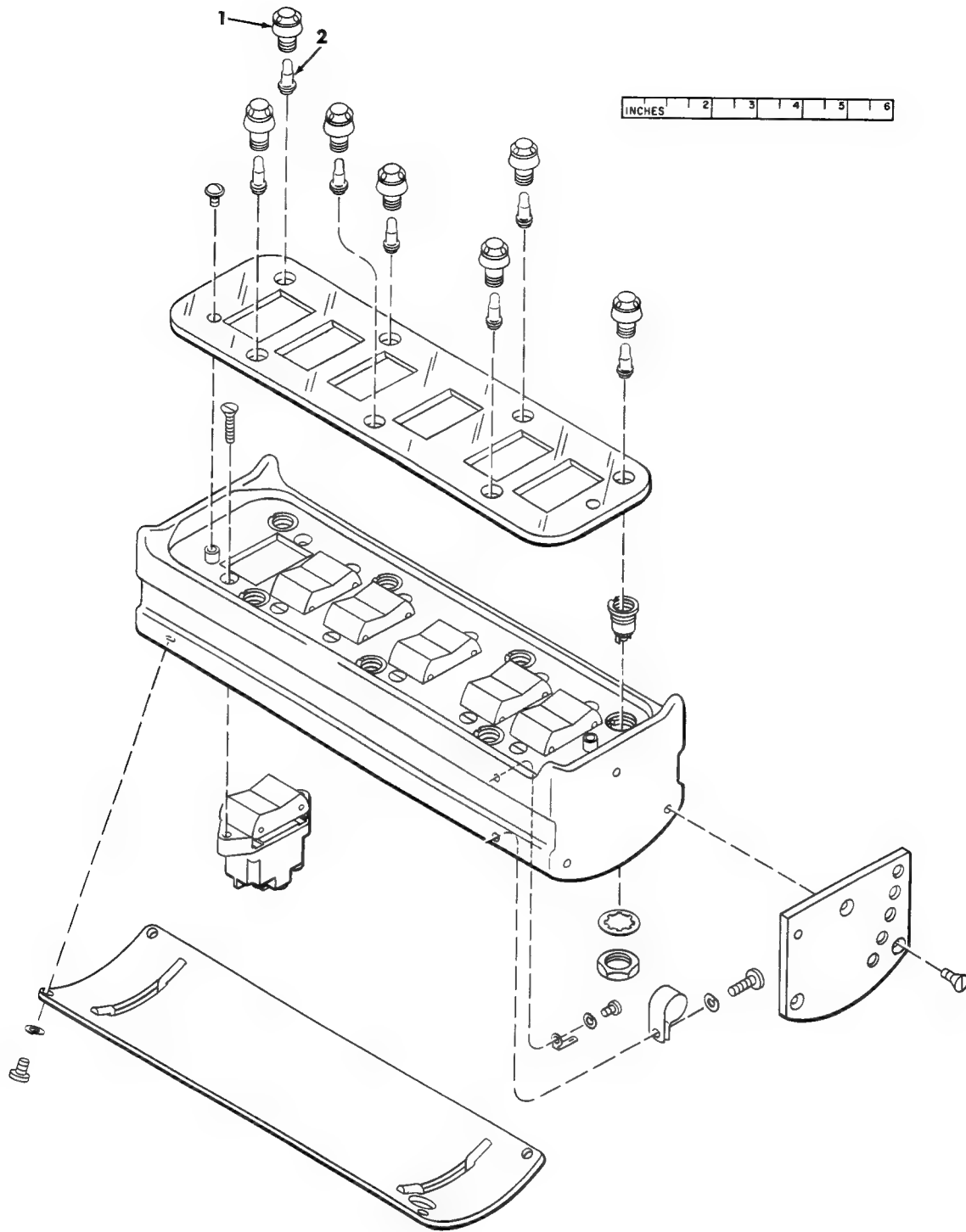
Figure 146. Generator, signal (9143780)—partial exploded view



ORD G284229

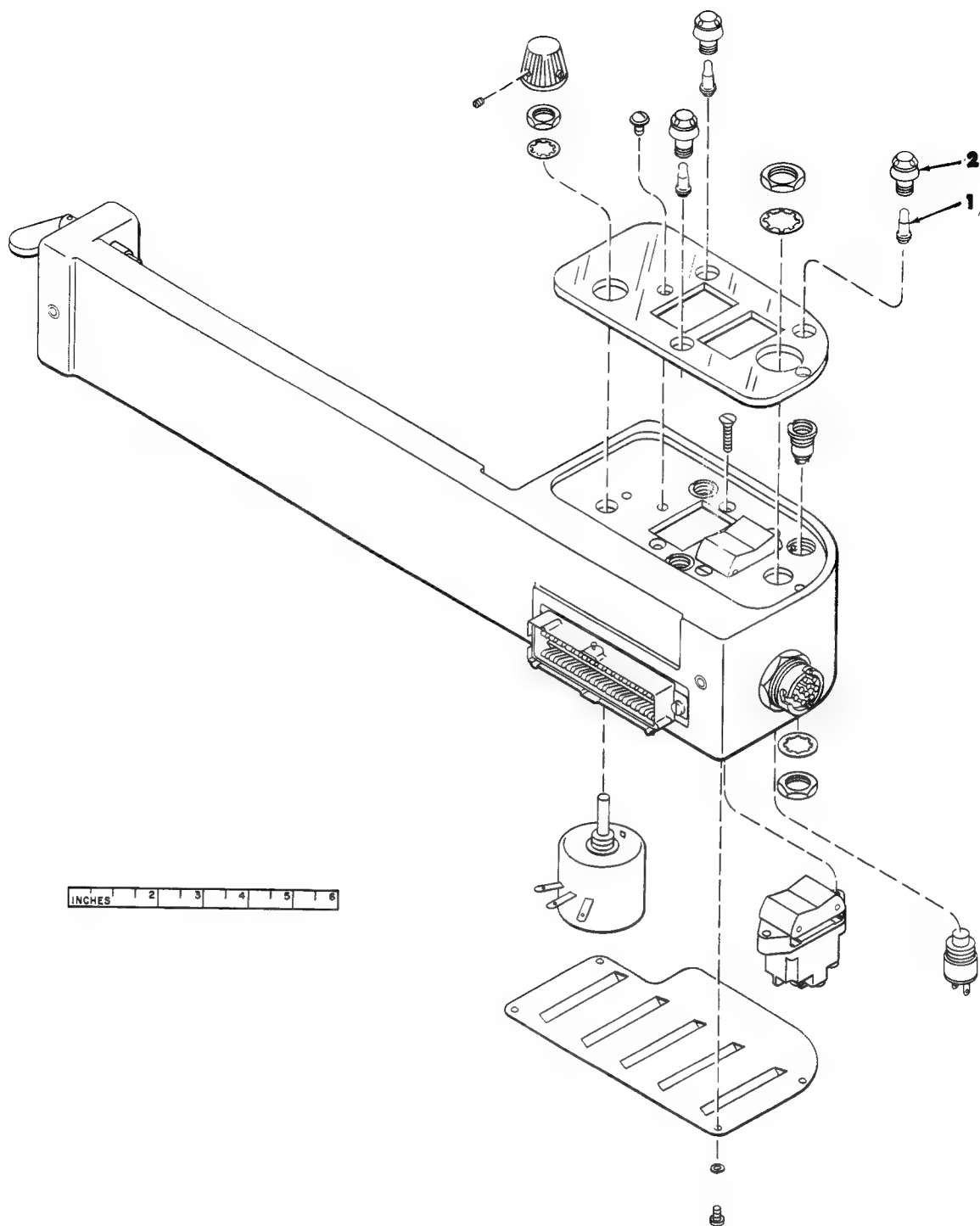
1 CONNECTOR MS-27035-625B

Figure 147. Network 9156478)—exploded view



ORD G263391

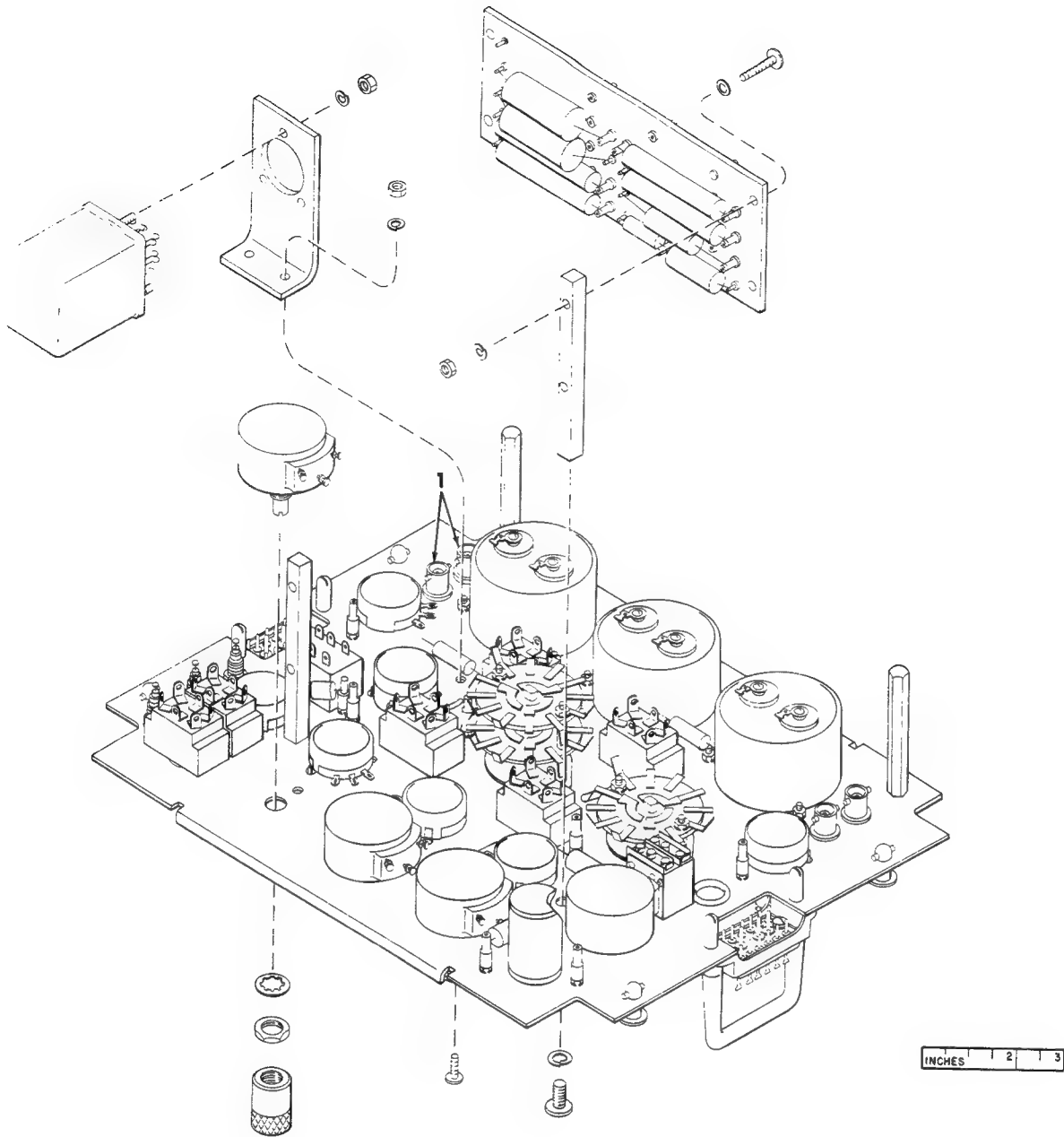
Figure 148. Control, transmitter (9156446)—exploded view



ORD G263392

- 1 LAMP MS-25237-327  
2 LENS 9976464

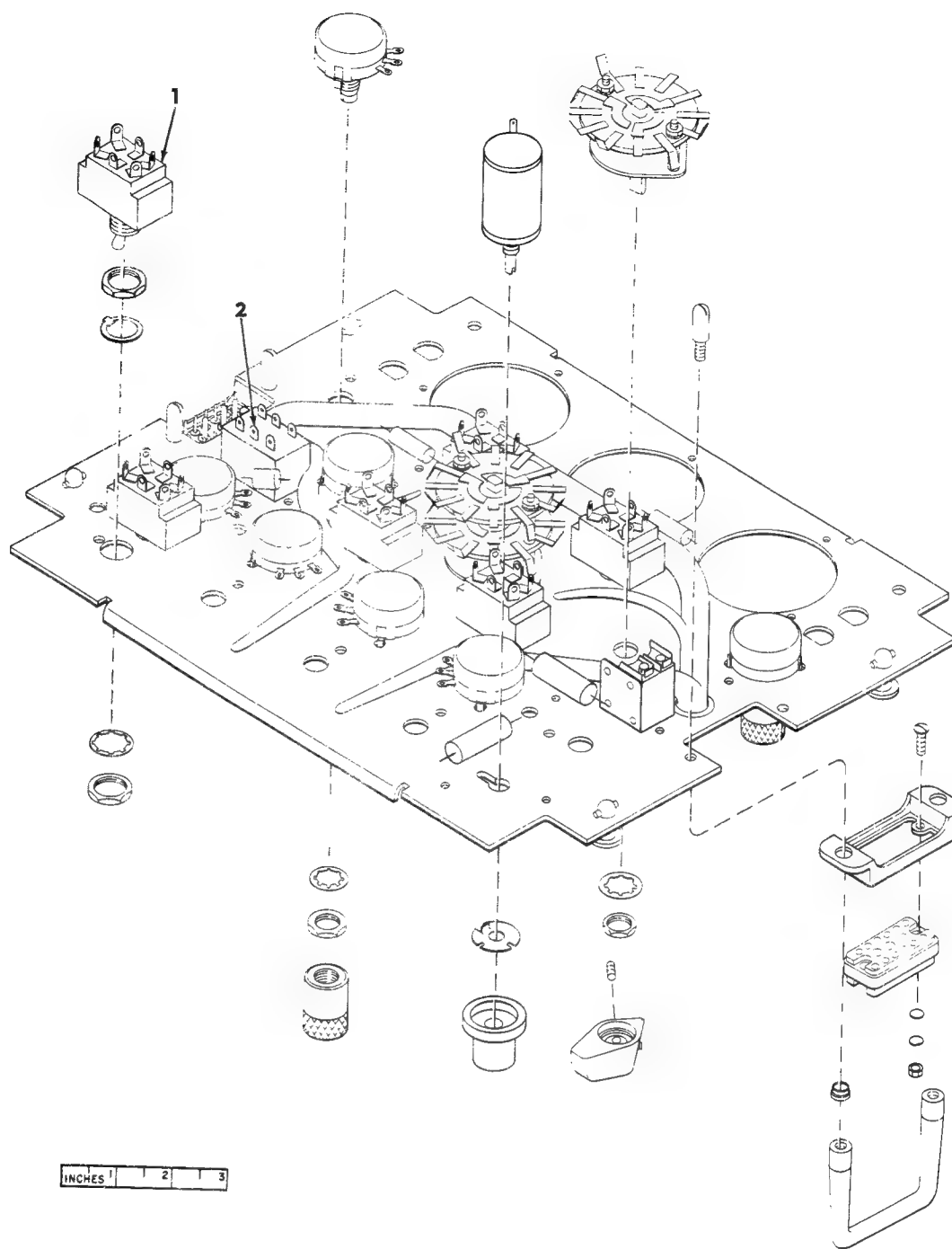
Figure 149. Control, transmitter (9156445)—exploded view



ORD G284230

1 CONNECTOR MS-27035-625B

Figure 150. Monitor, error voltage (9156306)—partial exploded view

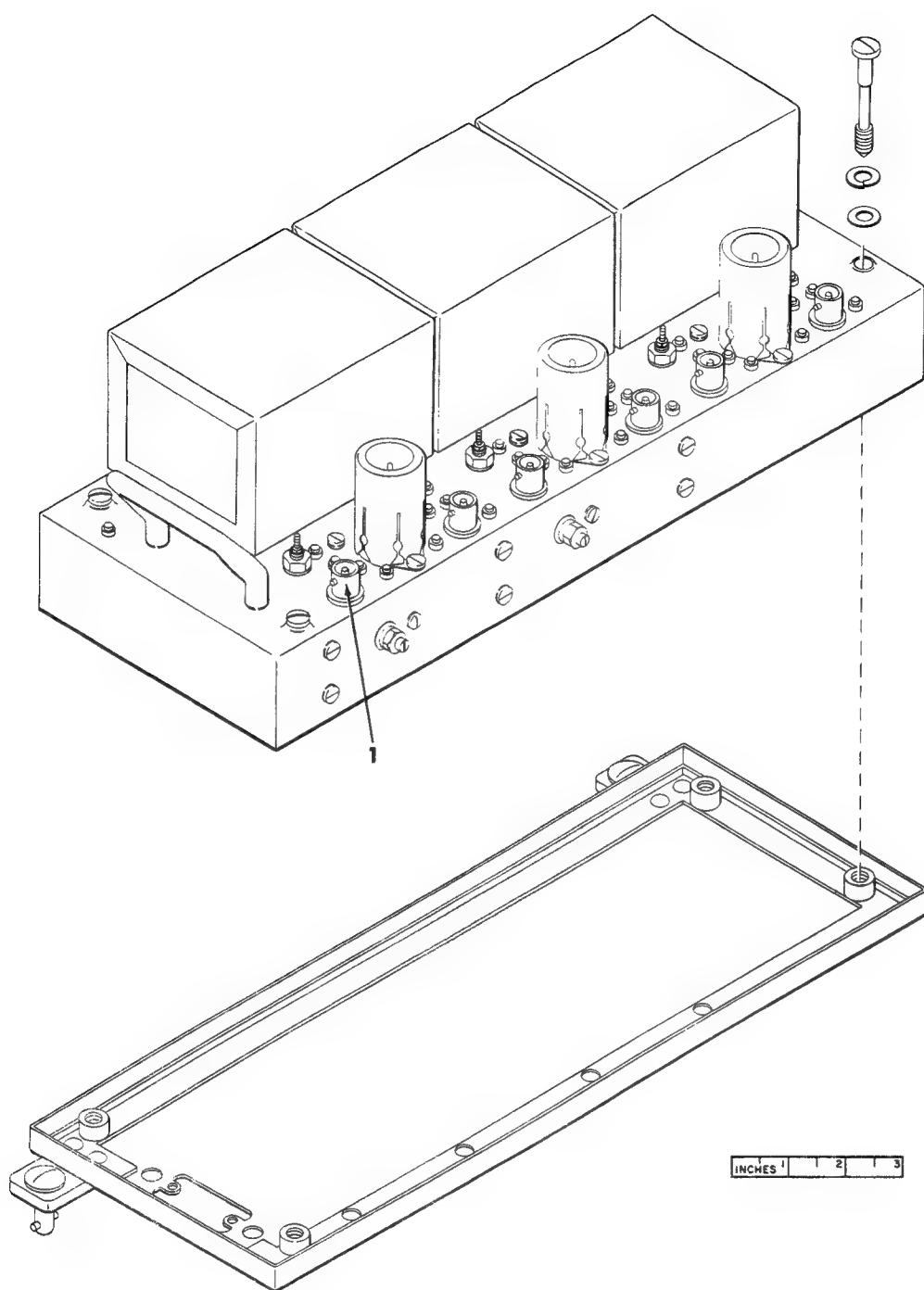


ORD G284231

- 1 SWITCH MS-35059-26
- 2 SWITCH MS-25100-23

Figure 151. Monitor, error voltage (9156506)—partial exploded view

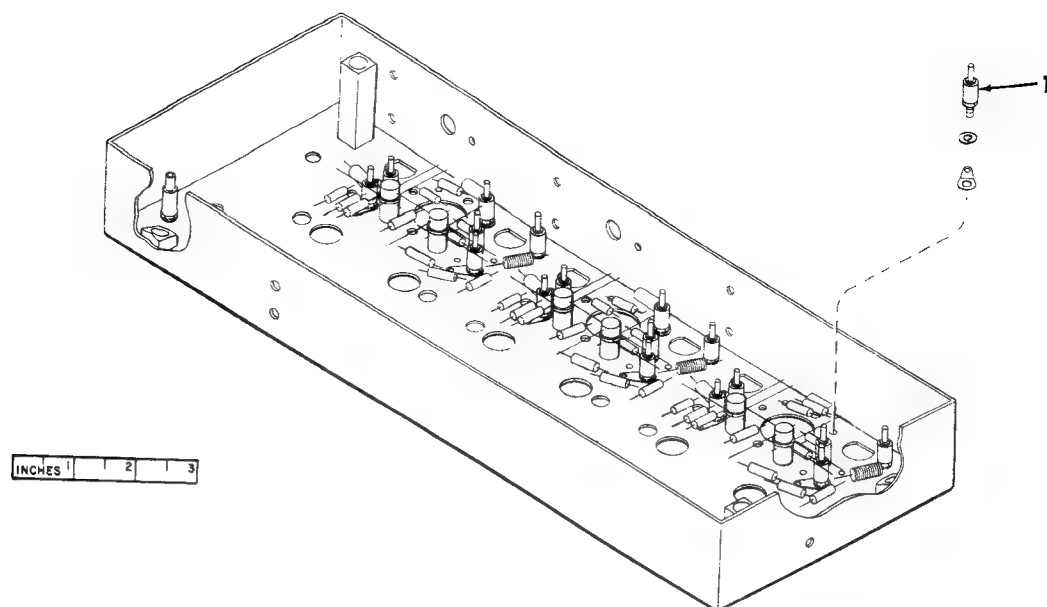




ORD G284232

1 CONNECTOR MS-27035-625B

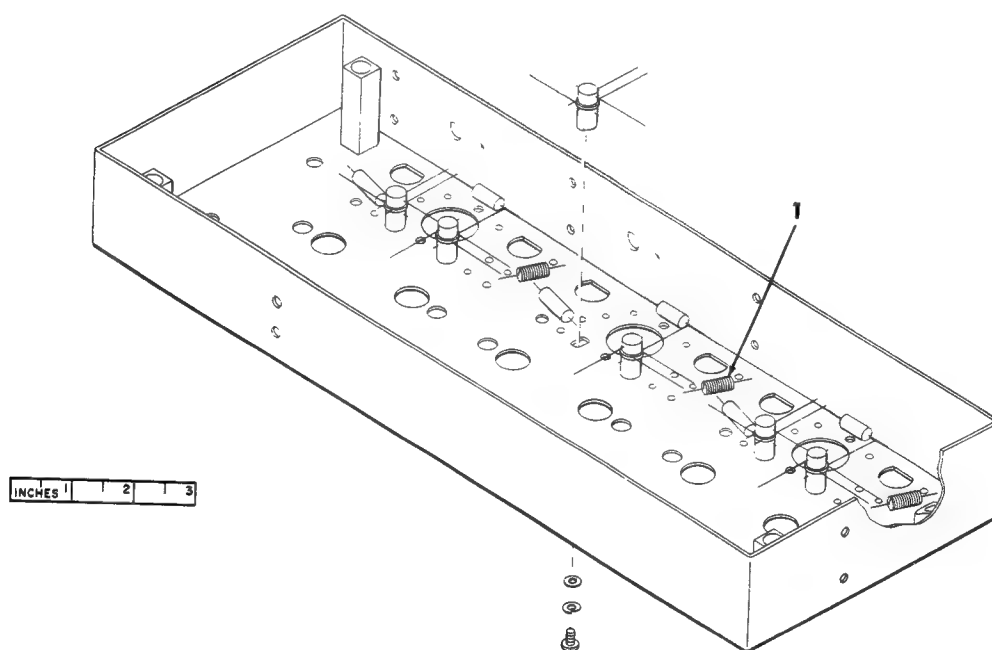
Figure 152. Filter, bandpass (9996138)—partial exploded view



ORD G284233

1 TERMINAL 7598949

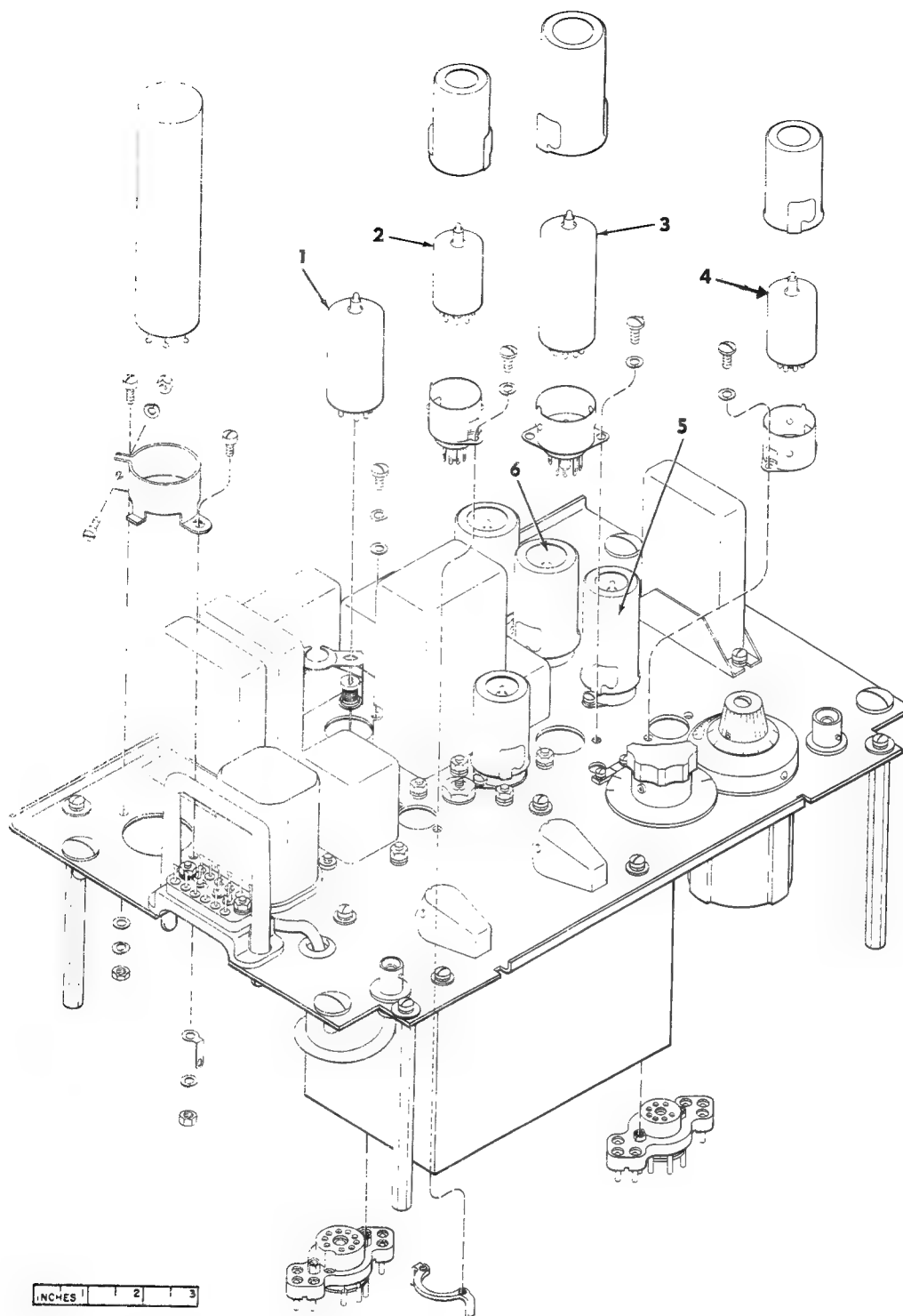
Figure 153. Filter, bandpass (9996138)—partial exploded view



ORD G284234

1 FILTER 8009590

Figure 154. Filter, bandpass (9996138)—partial exploded view

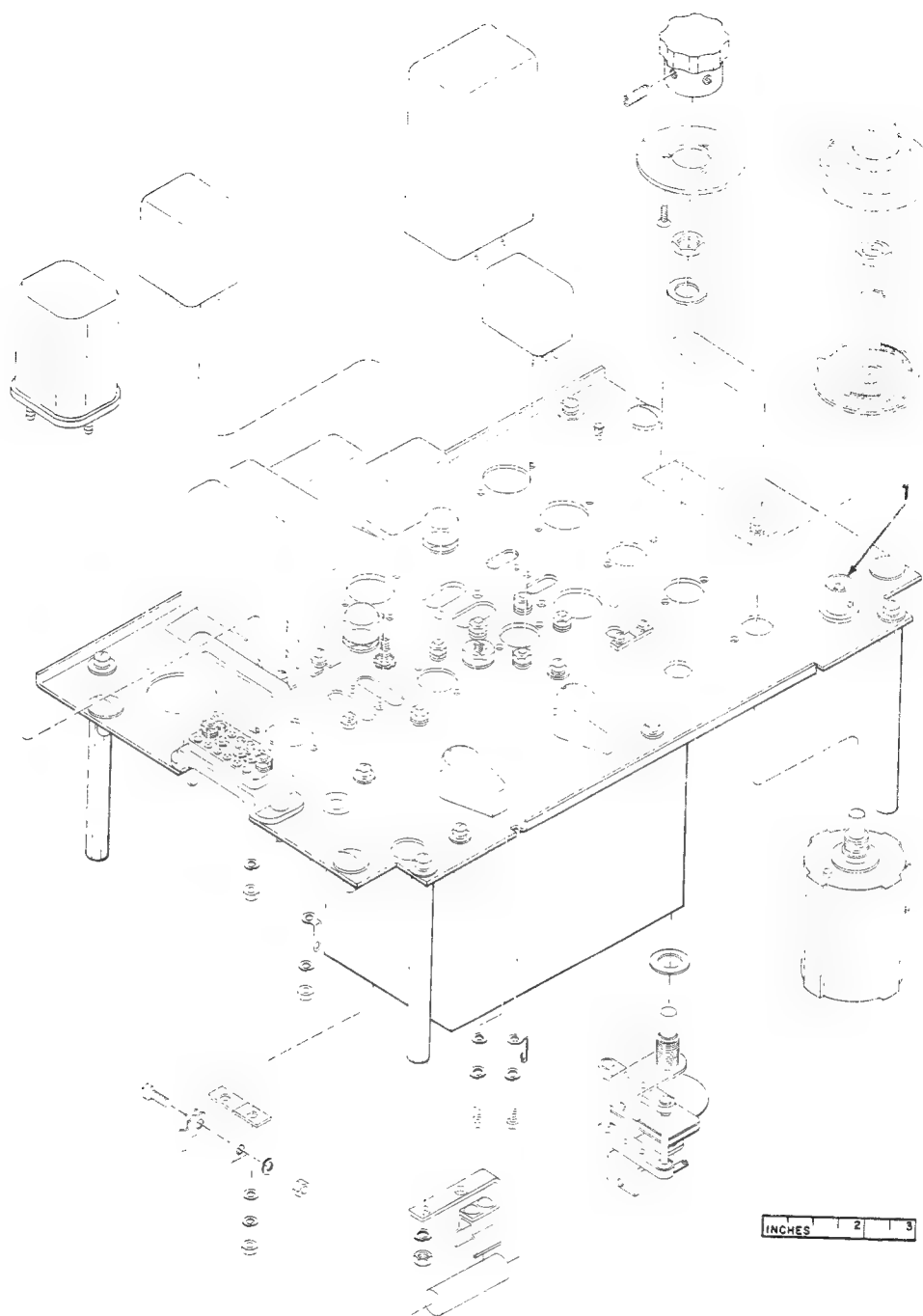


1 ELECTRON TUBE 5687WA  
 2 ELECTRON TUBE 6AK5WH  
 3 ELECTRON TUBE 5763

4 ELECTRON TUBE 5726/6AL5W  
 5 ELECTRON TUBE 81752b1  
 6 ELECTRON TUBE 5670

ORD G284235

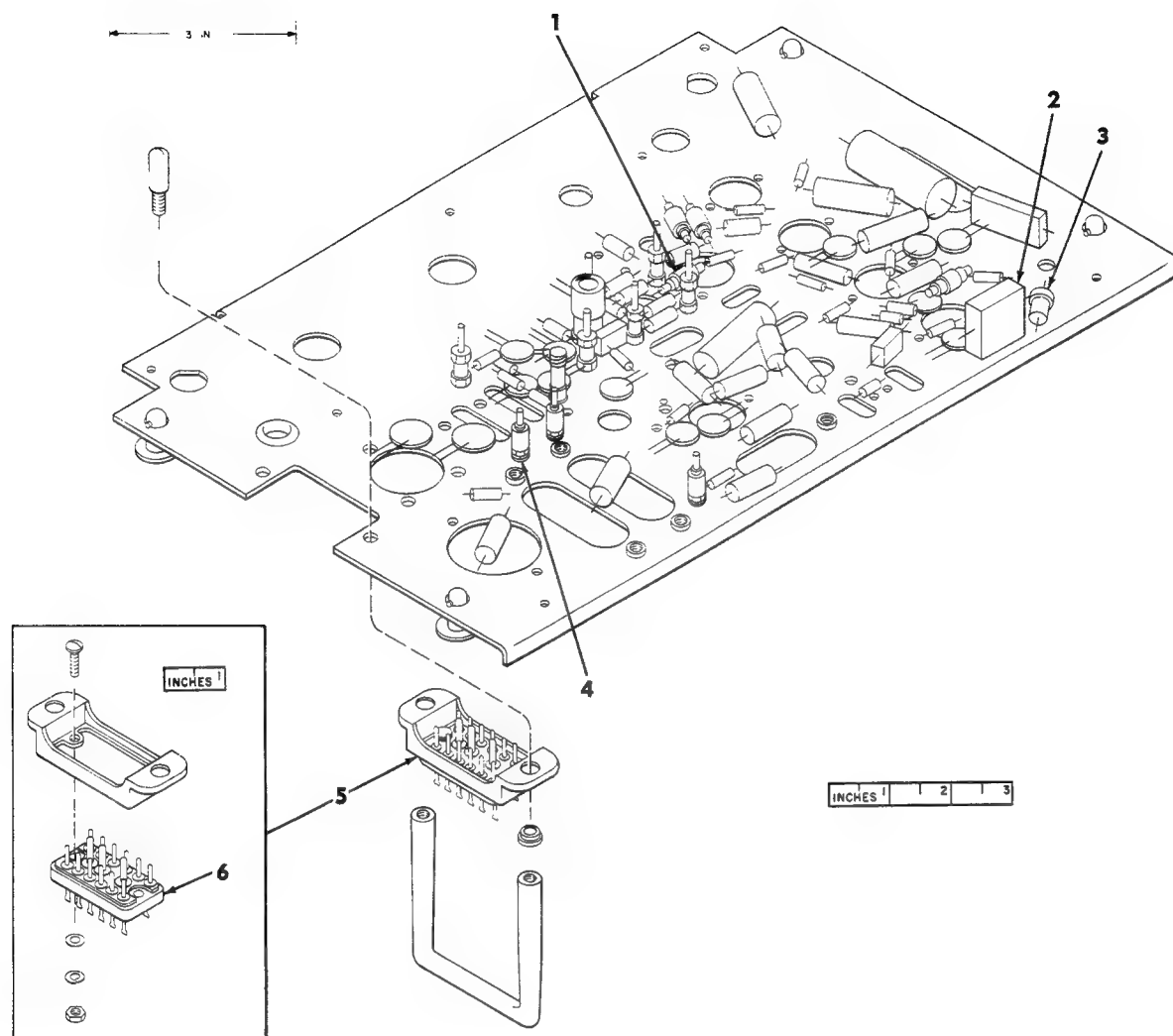
Figure 155. Generator, signal (8171572)—partial exploded view



ORD G284236

1 CONNECTOR MS-27035-625B

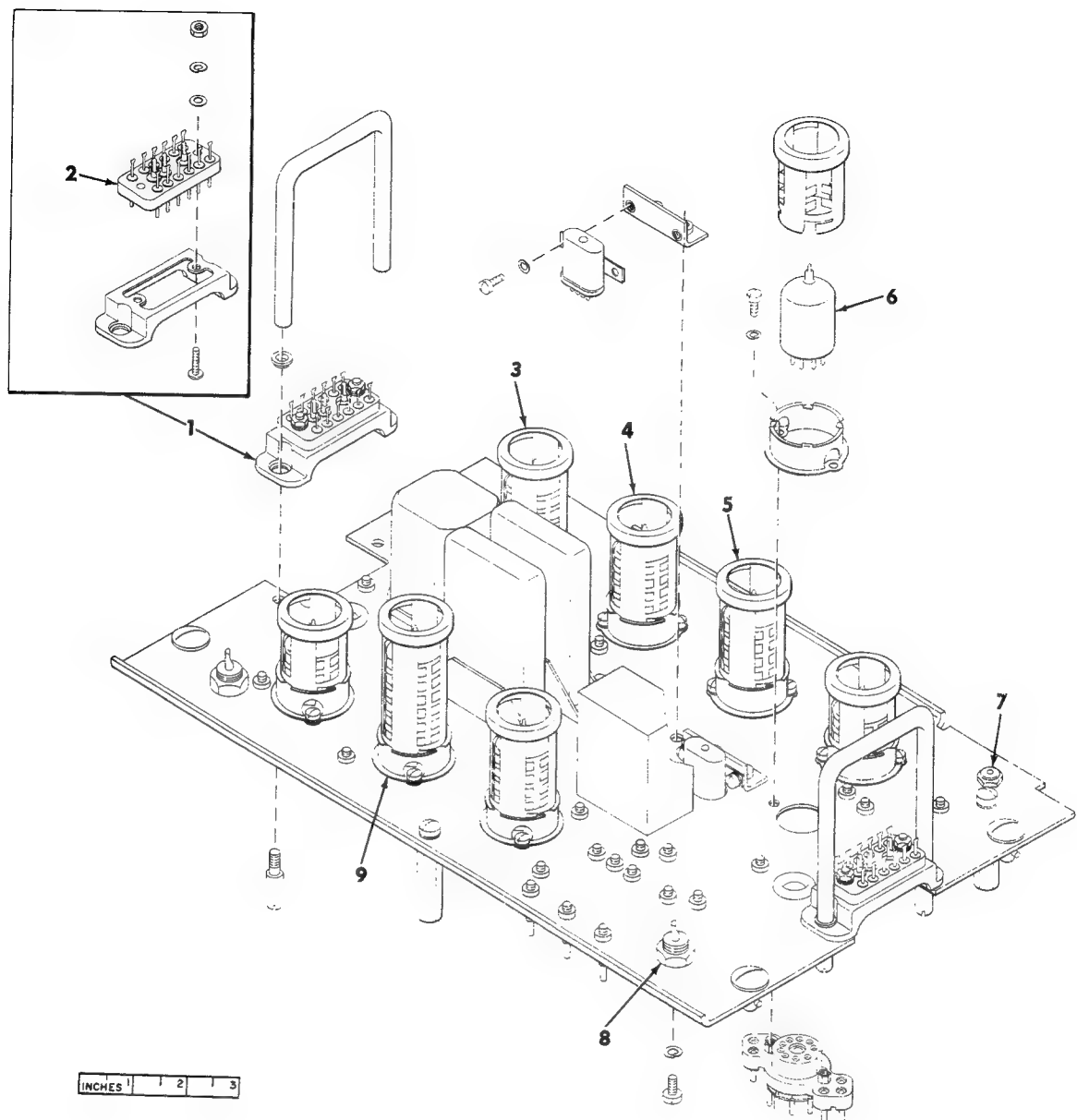
Figure 156. Generator, signal (8171572)—partial exploded view



ORD G284237

- 1 SEMICONDUCTOR DEVICE  
8175515
- 2 CAPACITOR CM35E103J
- 3 CAPACITOR 8023439
- 4 TERMINAL 7598949
- 5 CONNECTOR 7598051
- 6 CONNECTOR 7598934

Figure 157. Generator, signal (8171572)—partial exploded view



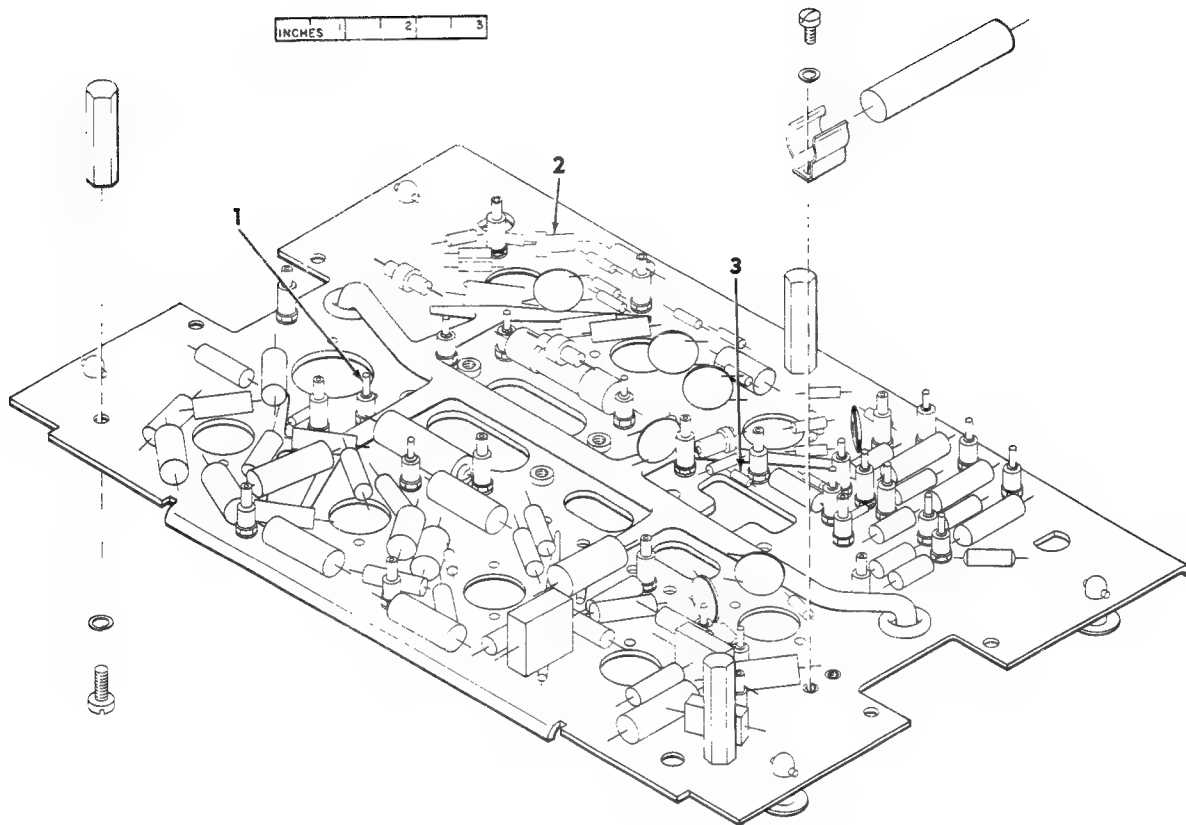
ORD G284238

1 CONNECTOR 7598051  
2 CONNECTOR 7598934  
3 ELECTRON TUBE 5814A

4 ELECTRON TUBE 5687WA  
5 ELECTRON TUBE 5755  
6 ELECTRON TUBE 5670

7 JACK 8175216  
8 CONNECTOR MS-27035-6258  
9 ELECTRON TUBE 6CL6

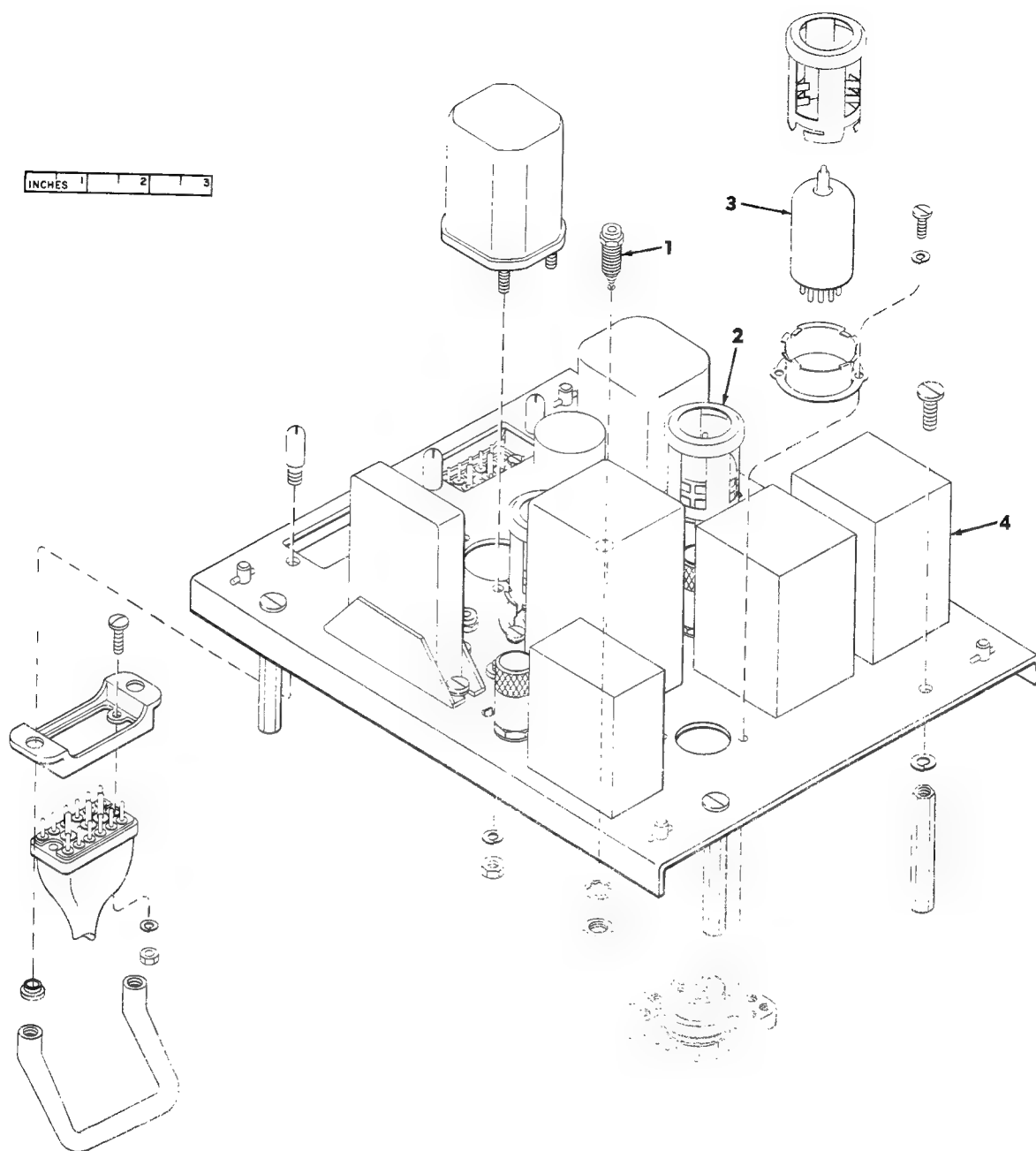
Figure 158. Control, receiver (9007334)—partial exploded view



ORD G284239

- 1 TERMINAL 7598949
- 2 CAPACITOR 8023439
- 3 SEMICONDUCTOR DEVICE  
1N198

Figure 159. Control, receiver (9007334)—partial exploded view

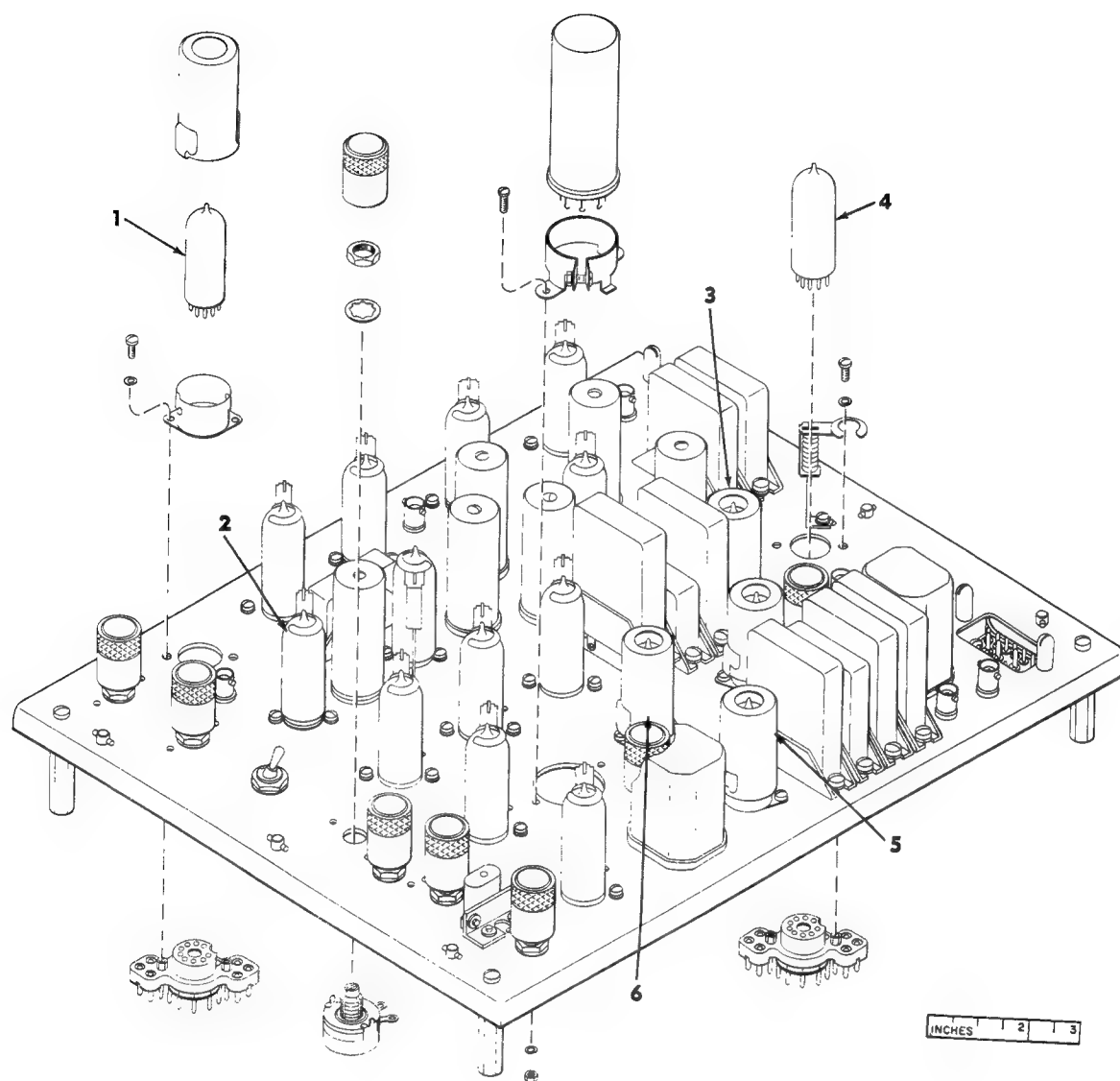


ORD C284240

- 1 SCREW 8134425
- 2 VACUUM TUBE 5755
- 3 ELECTRON TUBE 5751
- 4 CAPACITOR 8010743

Figure 160. Amplifier, electronic control (9155514)—exploded view

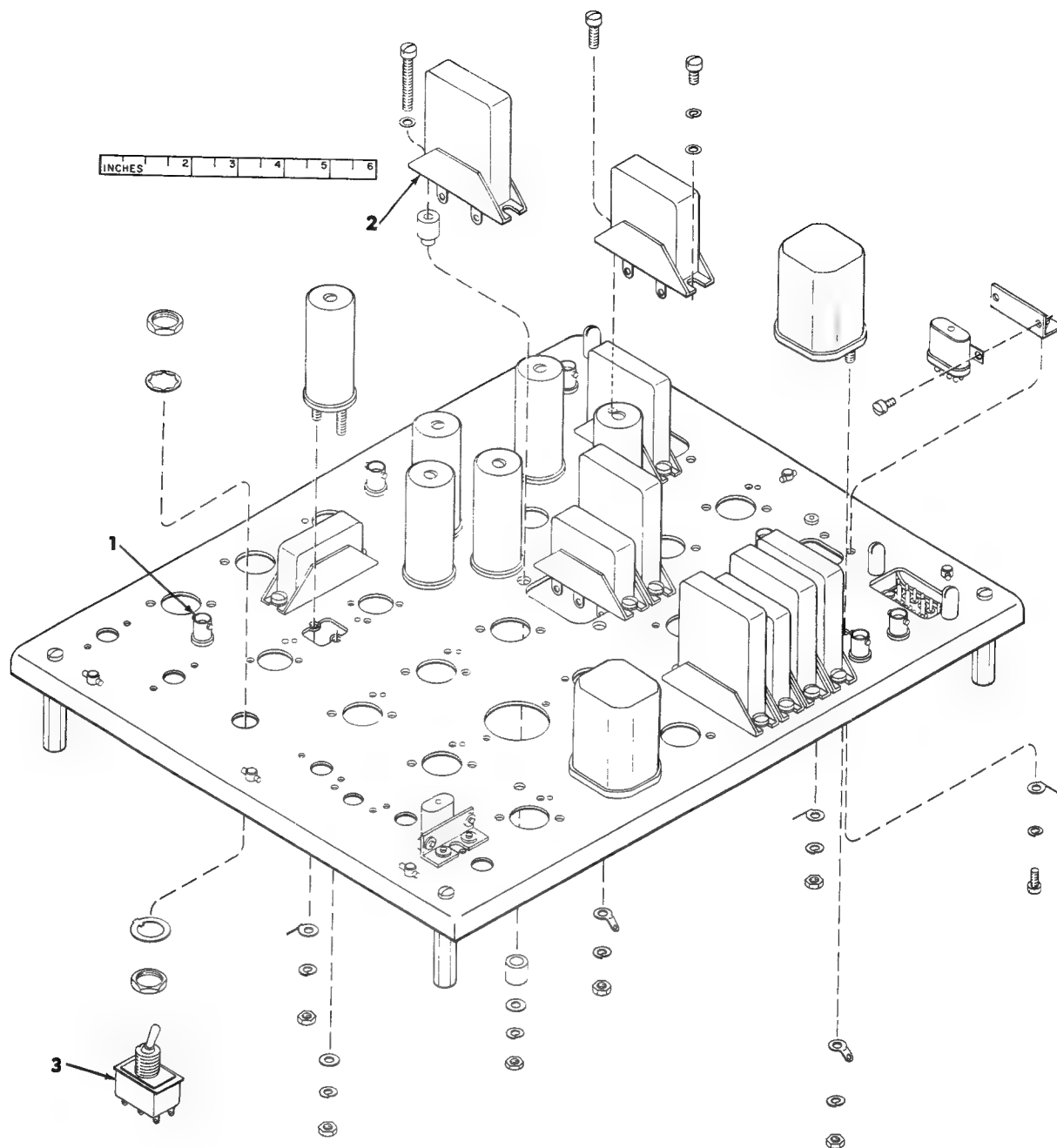




- 1 ELECTRON TUBE 5814A
- 2 ELECTRON TUBE 6005/6AQ5W
- 3 ELECTRON TUBE 5670
- 4 ELECTRON TUBE 5657WA
- 5 ELECTRON TUBE 571
- 6 ELECTRON TUBE 6AN6

ORD G284241

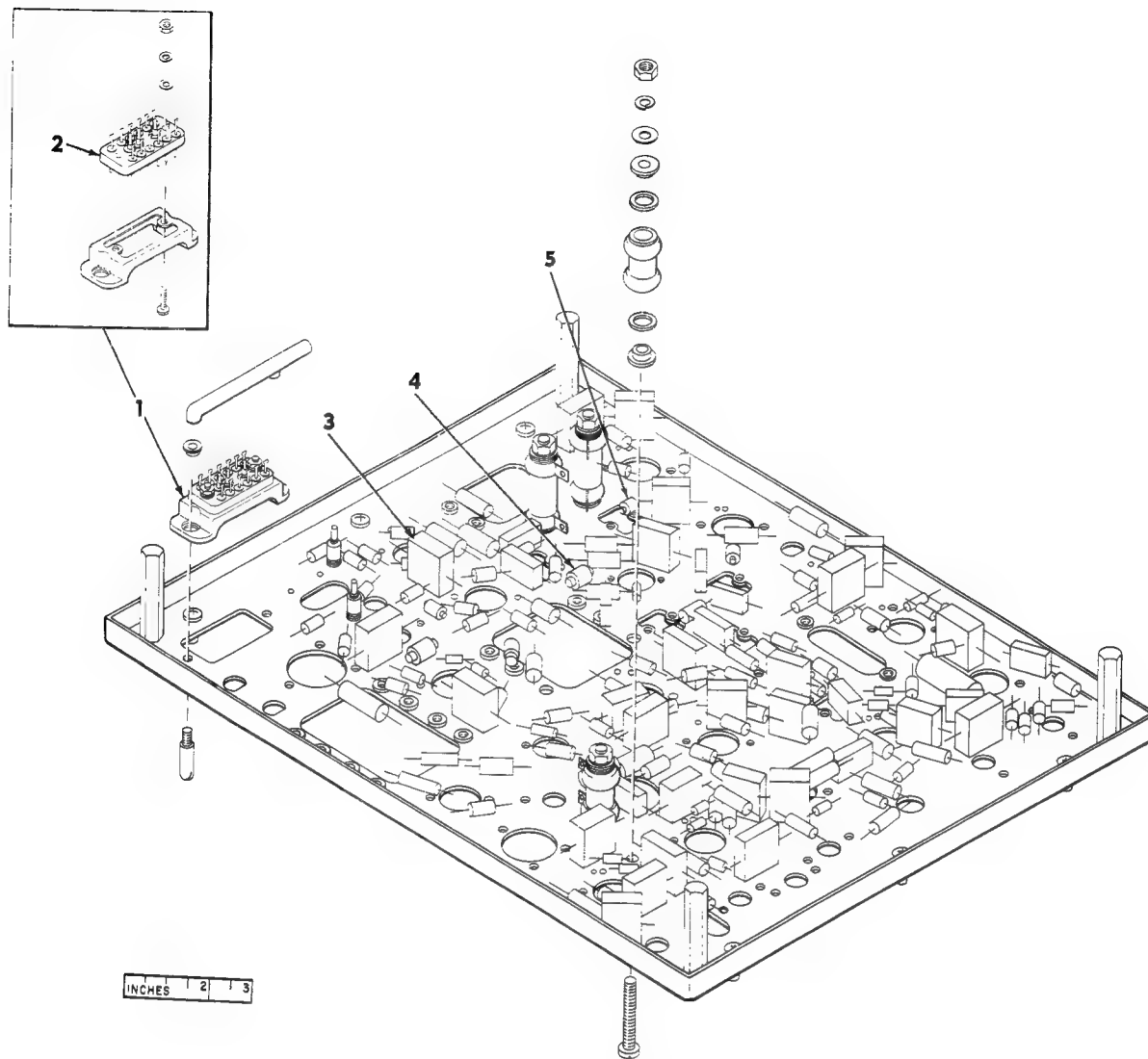
Figure 161. Converter, wave form (9140771)—partial exploded view



- 1 CONNECTOR MS-27035-625B  
 2 CAPACITOR CP69B1EF105K1  
 3 SWITCH MS-25100-23

ORD G284242

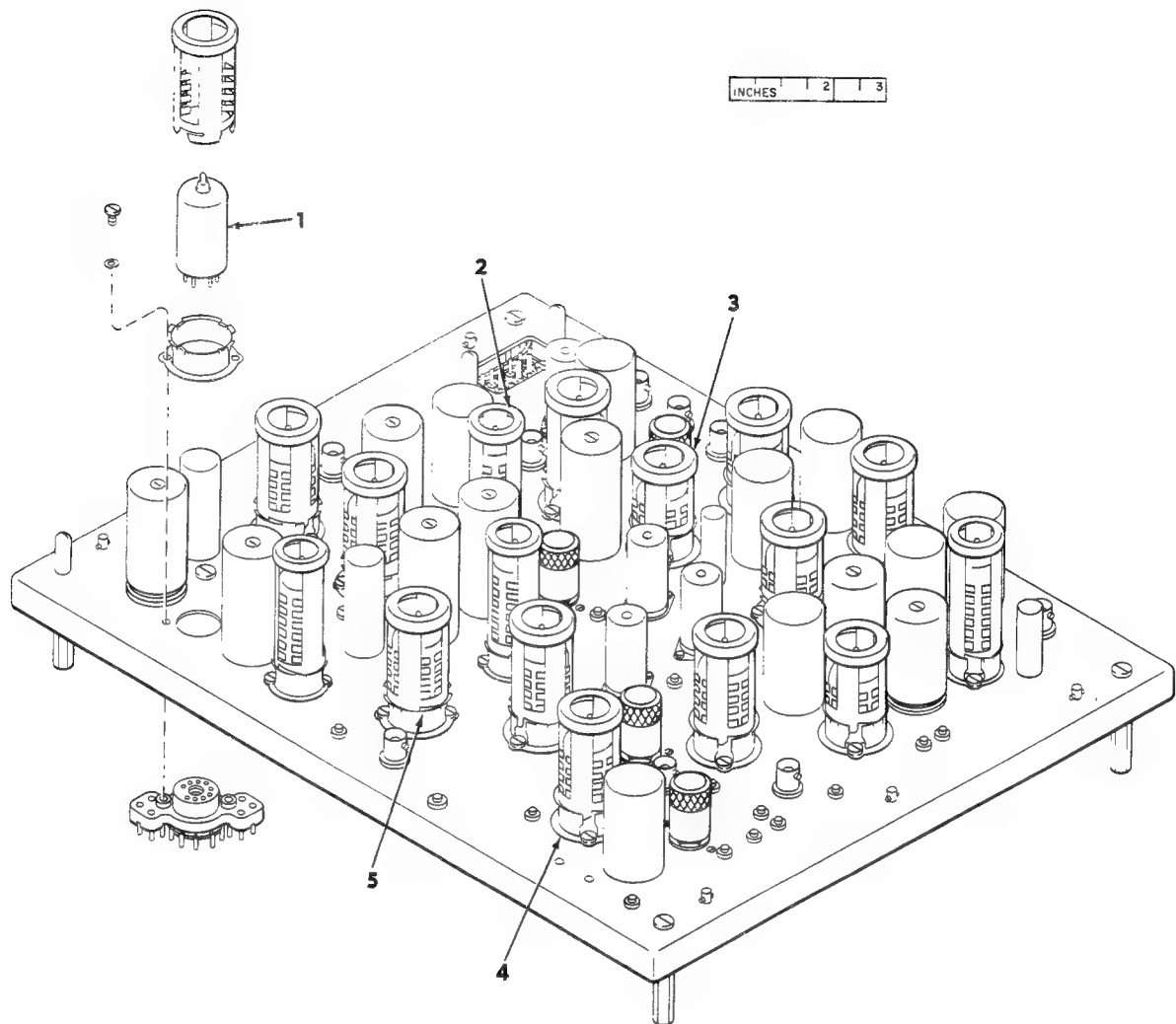
Figure 162. Converter, wave form (9140771)—partial exploded view



ORD G284243

- 1 CONNECTOR 7598051
- 2 CONNECTOR 7598934
- 3 CAPACITOR CM35E103J
- 4 SEMICONDUCTOR DEVICE  
7598937
- 5 CRYSTAL UNIT 8019381

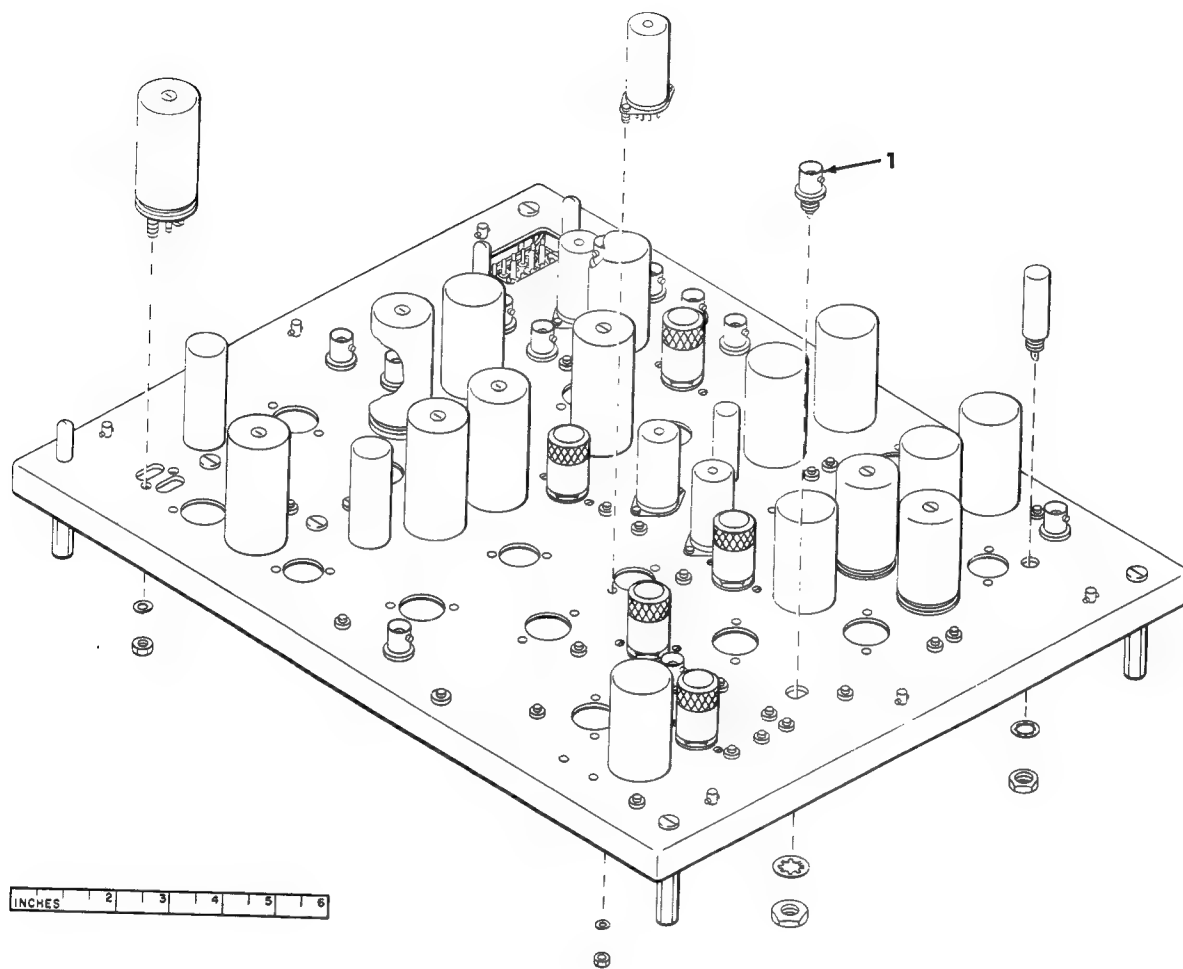
Figure 163. Converter, wave form (9140771)—partial exploded view



ORD G284244

- |   |               |            |
|---|---------------|------------|
| 1 | ELECTRON TUBE | 5687WA     |
| 2 | ELECTRON TUBE | 6005/6AG5m |
| 3 | ELECTRON TUBE | 5670       |
| 4 | ELECTRON TUBE | 5814A      |
| 5 | ELECTRON TUBE | 12AT7WA    |

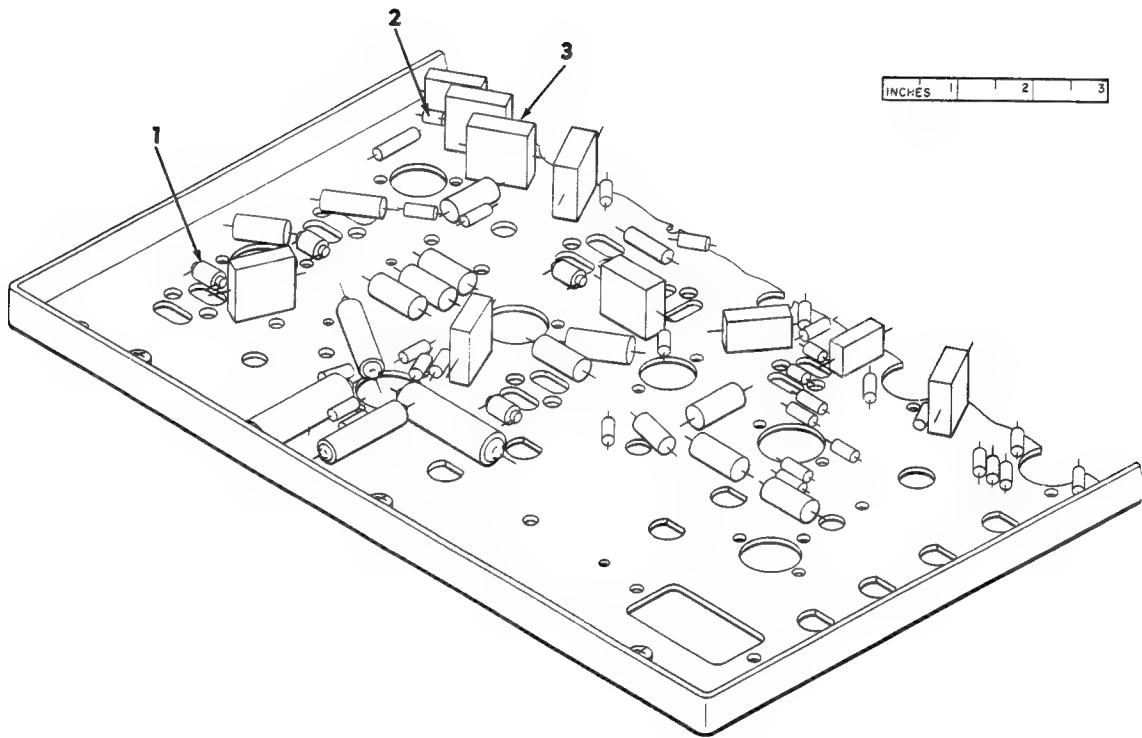
Figure 164. Generator assembly, pulse '9143996)—partial exploded view



ORD 284245

1 CONNECTOR MS-27035-625B

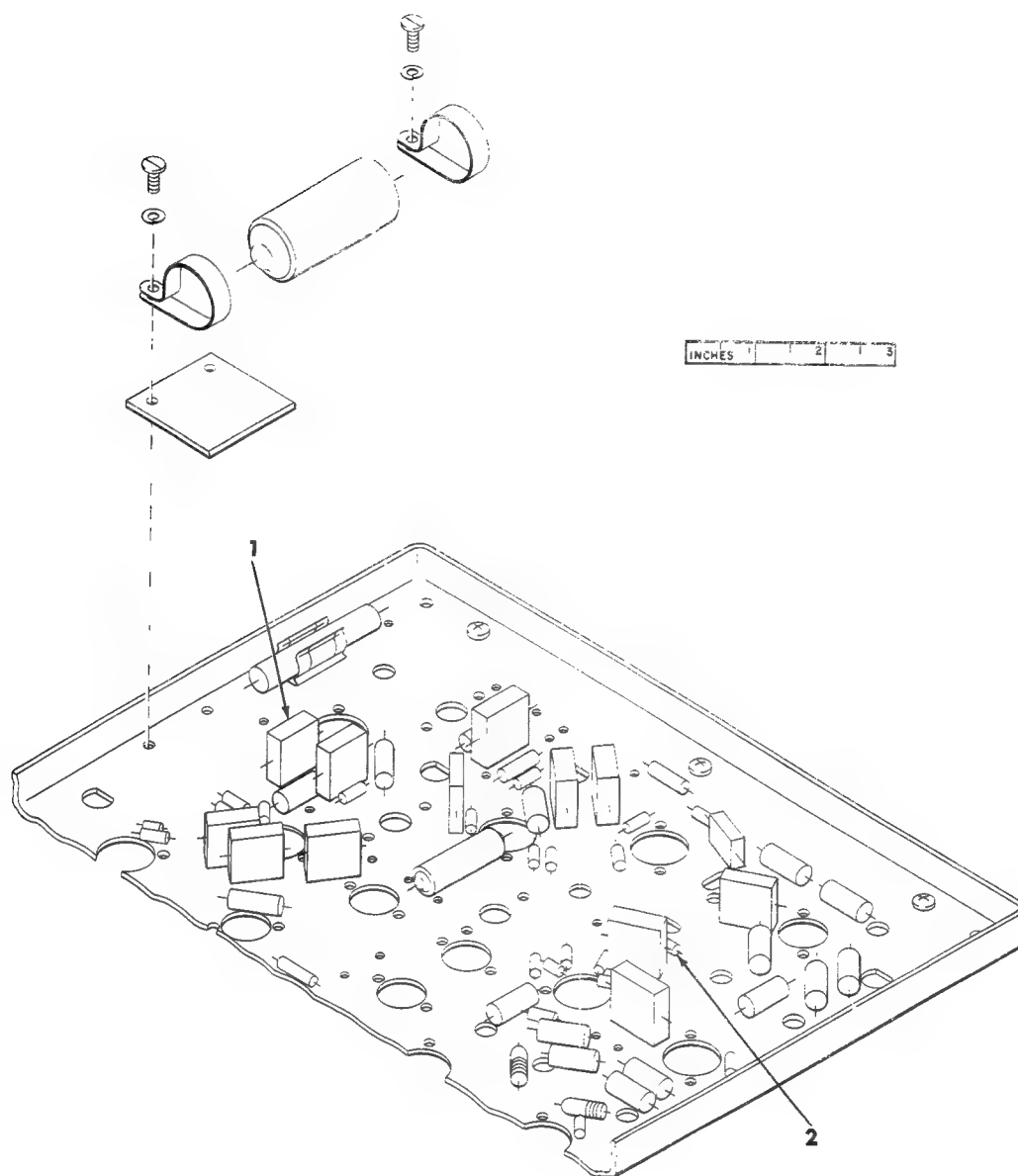
Figure 165. Generator assembly, pulse (9143996)—partial exploded view



ORD G284246

- 1 CRYSTAL UNIT 8019381
- 2 SEMICONDUCTOR DEVICE  
1M198
- 3 CAPACITOR CM35E103J

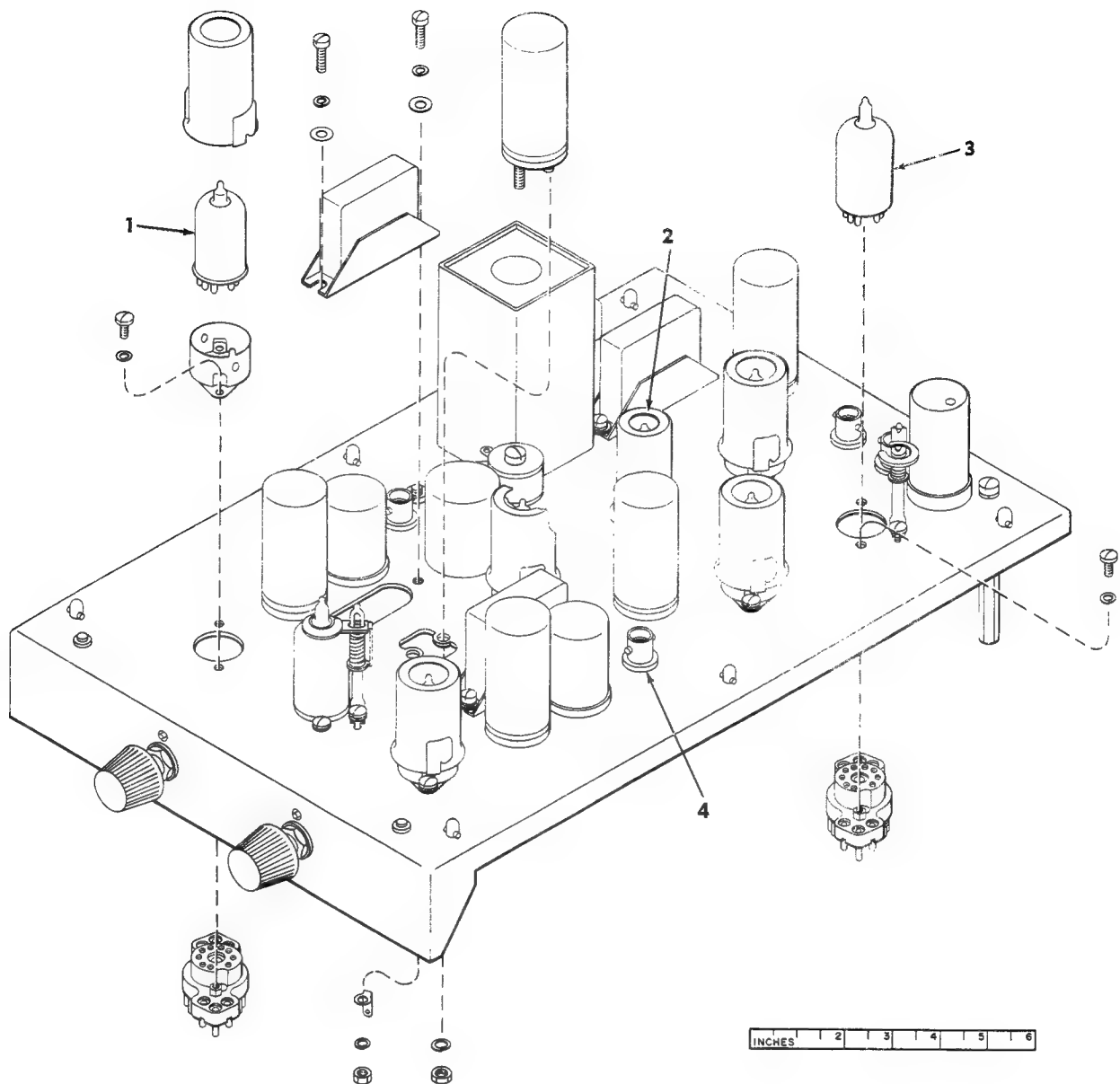
Figure 166. Generator assembly, pulse (9143996)—partial exploded view



- 1 CAPACITOR CM35E103J
- 2 SEMICONDUCTOR DEVICE  
1N198

ORD G284247

Figure 167. Generator assembly, pulse (9143996)—partial exploded view

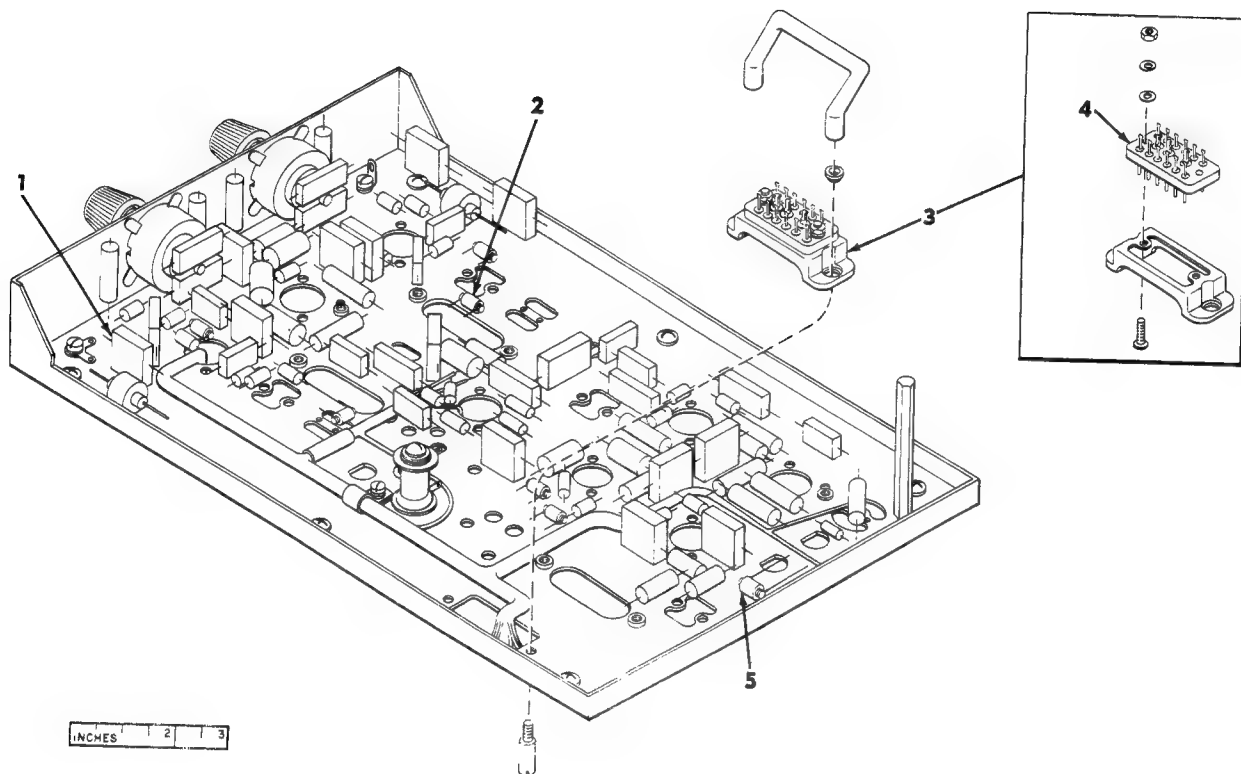


- 1 ELECTRON TUBE 5670
- 2 ELECTRON TUBE 6AH6
- 3 ELECTRON TUBE 5687WA
- 4 CONNECTOR MS-27035-625B

ORD G284248

Figure 168. Generator, pulse (8173973)—partial exploded view



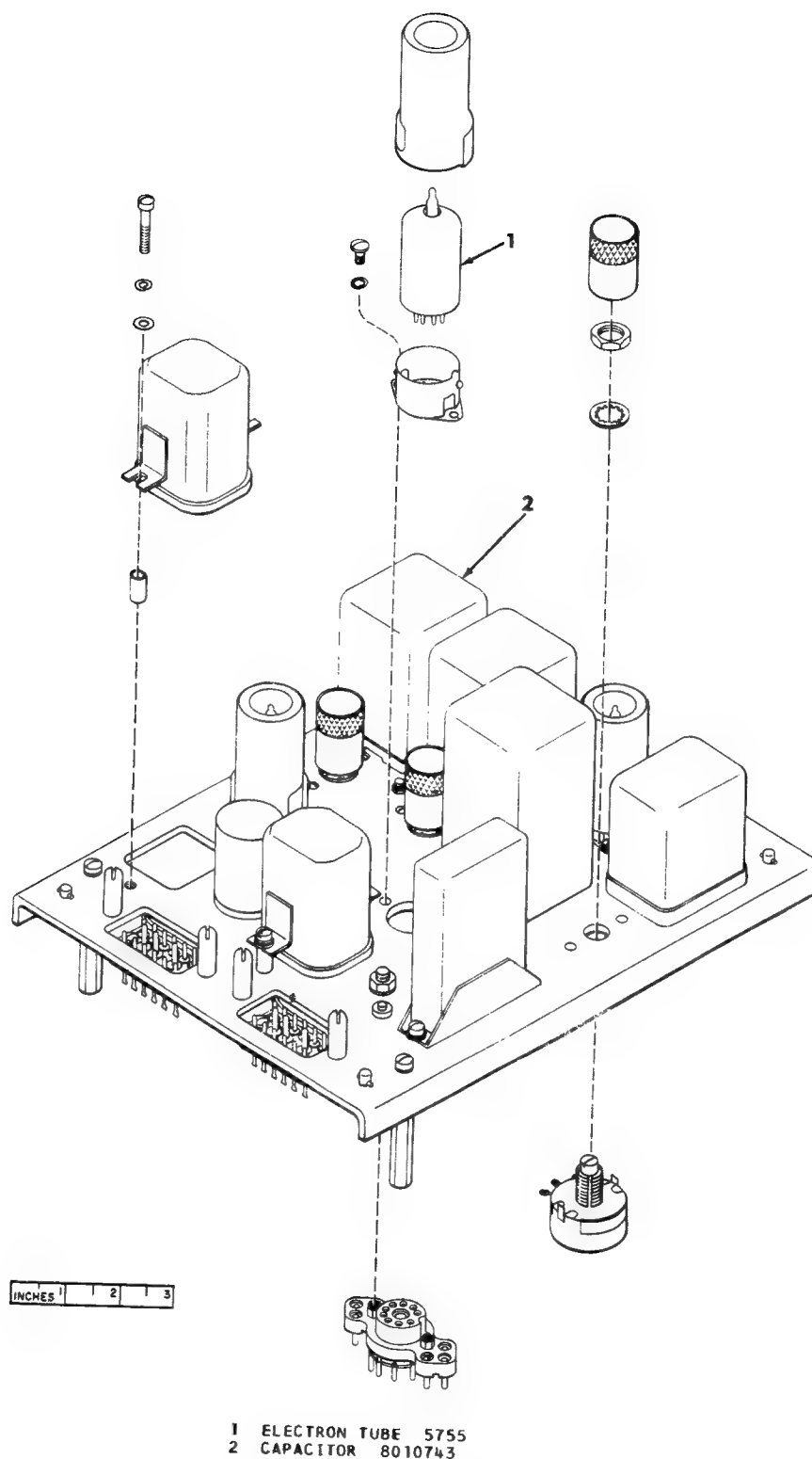


ORD G284249

1 CAPACITOR CM35E103J  
2 SEMICONDUCTOR DEVICE  
7598937

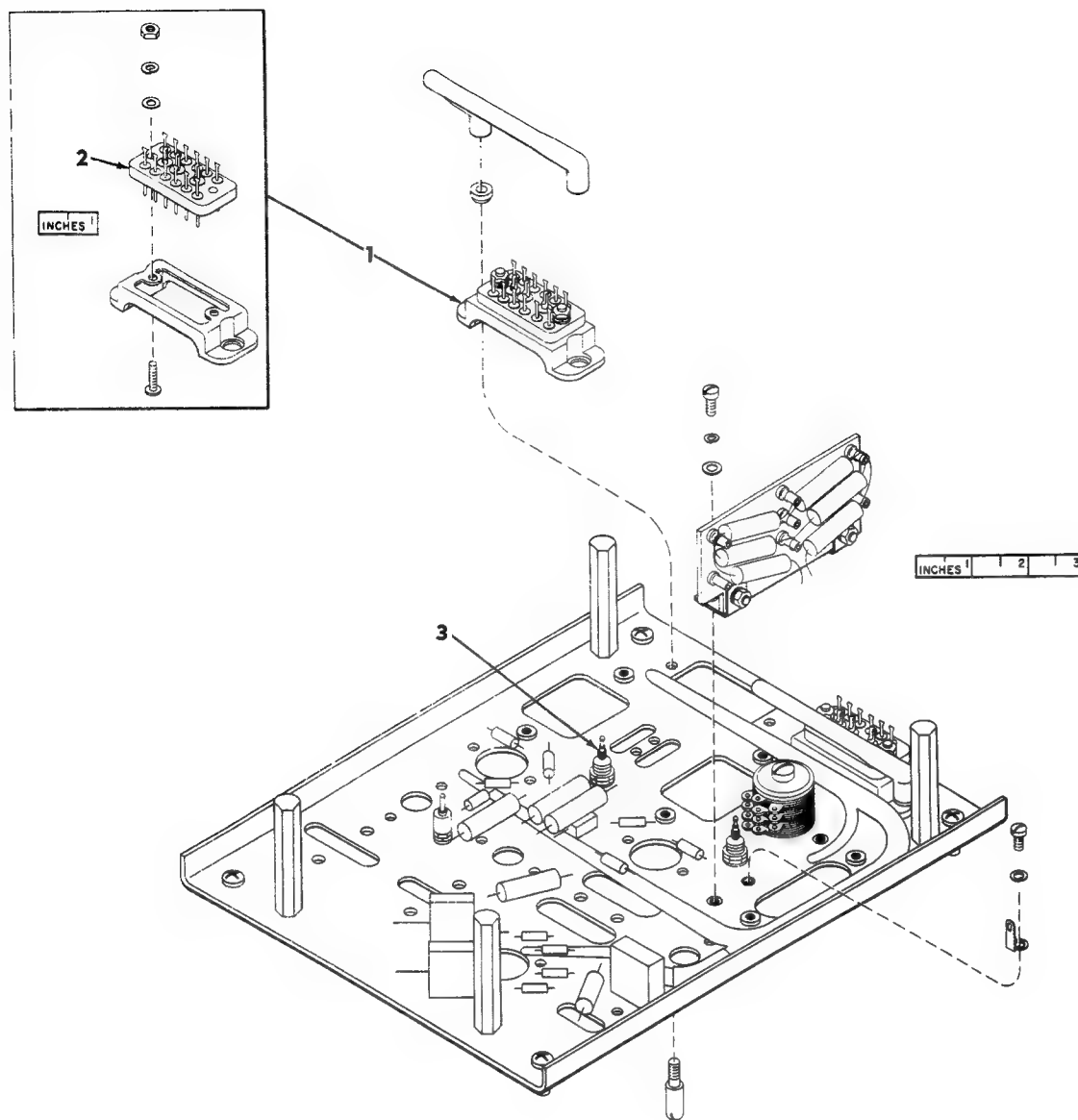
3 CONNECTOR 7598051  
4 CONNECTOR 7598934  
5 CRYSTAL UNIT 8019381

Figure 169. Generator, pulse (8173973)—partial exploded view



ORD G284250

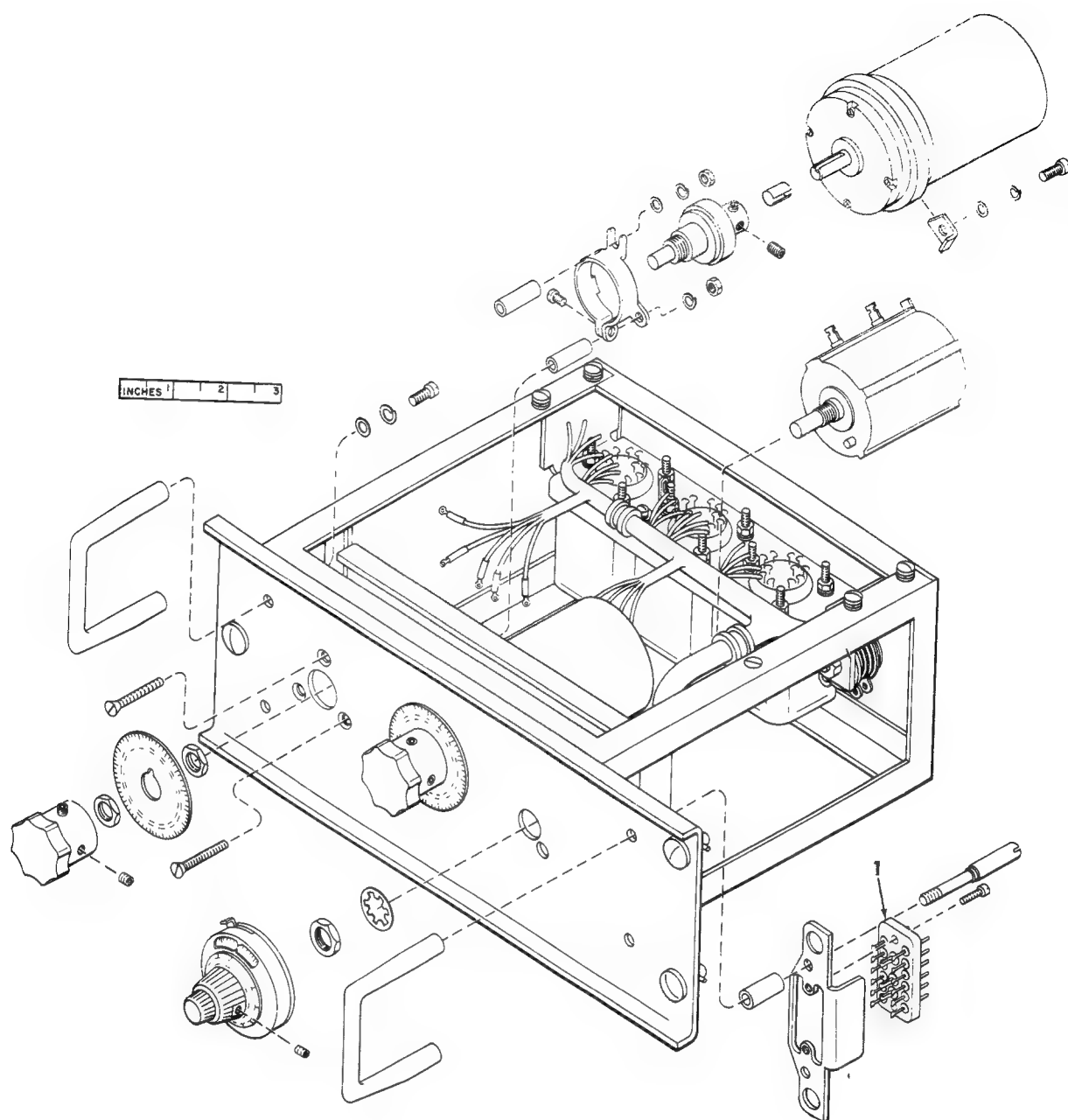
Figure 170. Amplifier, electronic control (8517944)—partial exploded view



ORD G284251

- 1 CONNECTOR 7598051
- 2 CONNECTOR 7598934
- 3 JACK 8134425

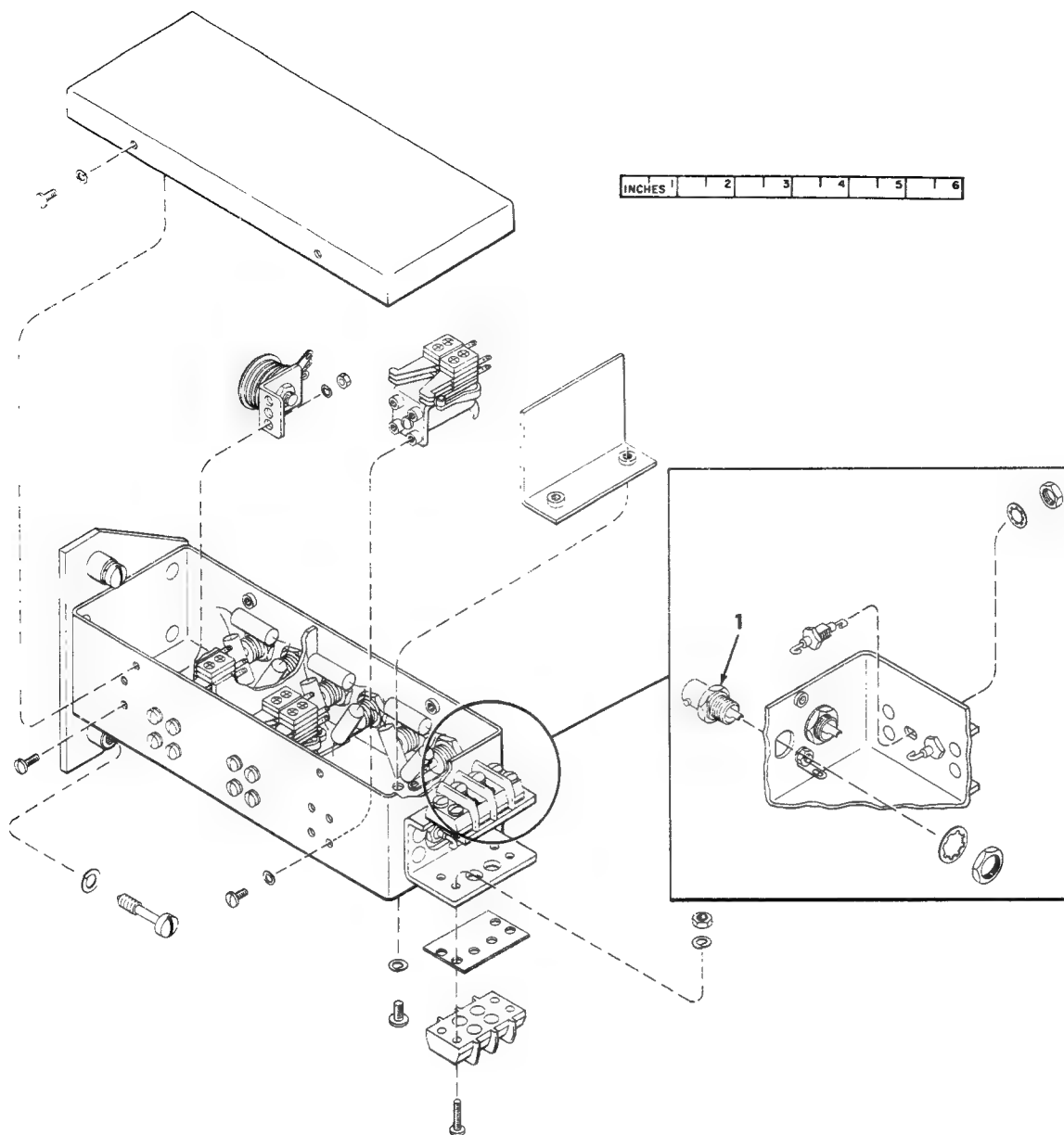
Figure 171. Amplifier, electronic control (8517944)—partial exploded view



ORD G260000

1 CONNECTOR 7598934

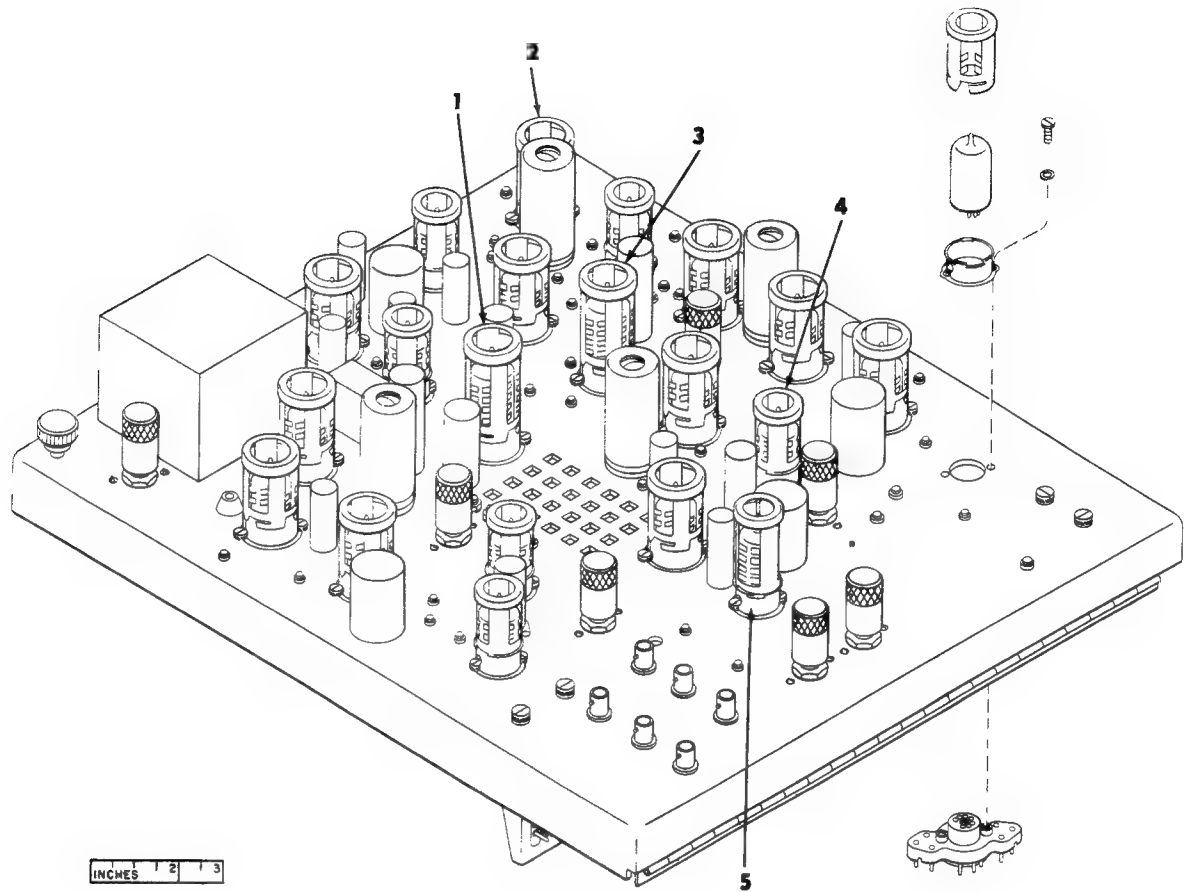
Figure 172. Control, antenna (8008199)– exploded view



ORD G284252

1 CONNECTOR MS-27035-625B

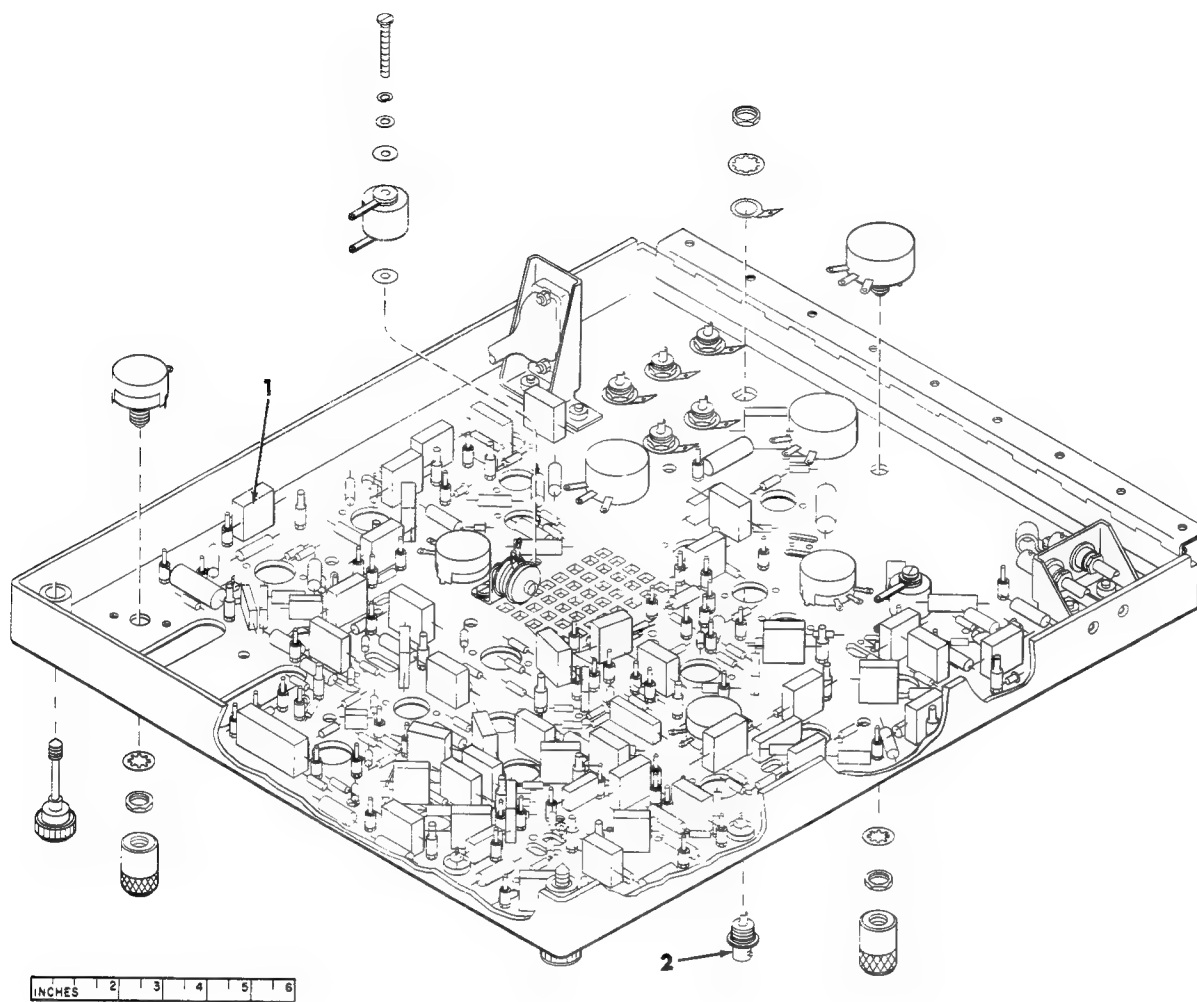
Figure 173. Attenuator, fixed (9010277)—exploded view



ORD G284253

- 1 ELECTRON TUBE 5687WA
- 2 ELECTRON TUBE 5670
- 3 ELECTRON TUBE 5814A
- 4 ELECTRON TUBE 5726/6AL5W
- 5 ELECTRON TUBE 6AH6

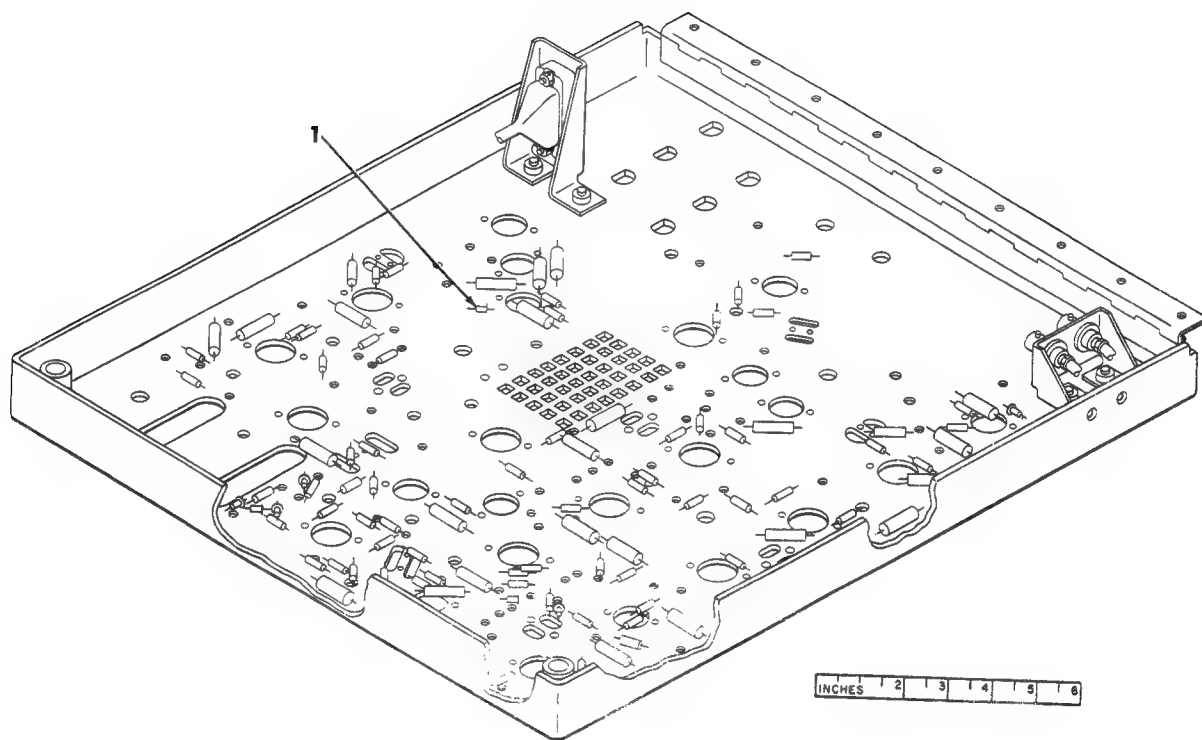
Figure 174. Generator, pulse (9143941)—partial exploded view



ORD G284254

- 1 CAPACITOR CM35E103J
- 2 CONNECTOR MS-27035-625B

Figure 175. Generator, pulse (9143941)—partial exploded view

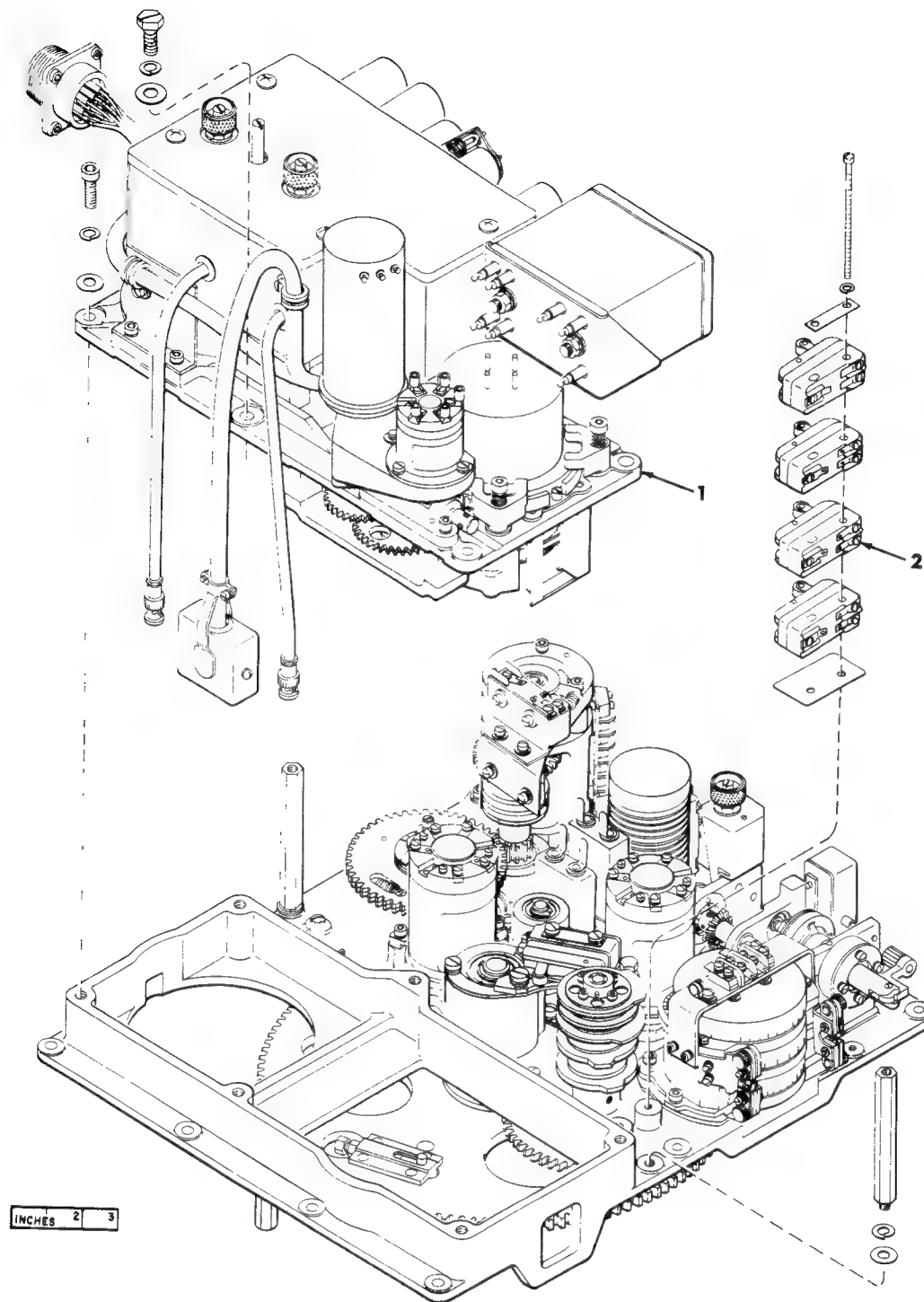


ORD G284255

1 SEMICONDUCTOR DEVICE  
9137420

Figure 176. Generator, pulse (9143941)—partial exploded view

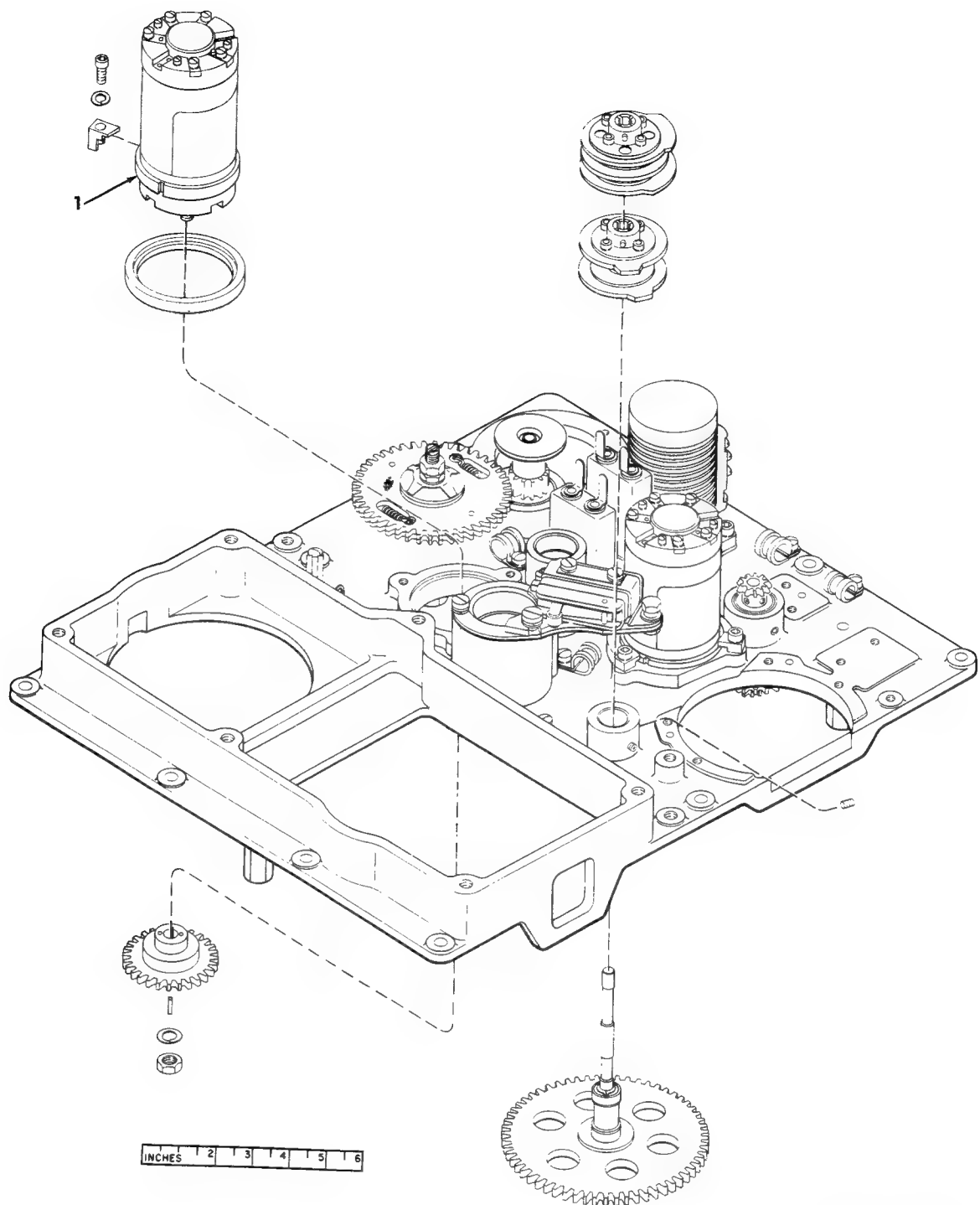




1 OSCILLATOR 9141252  
2 SWITCH 7601946

ORD G284256

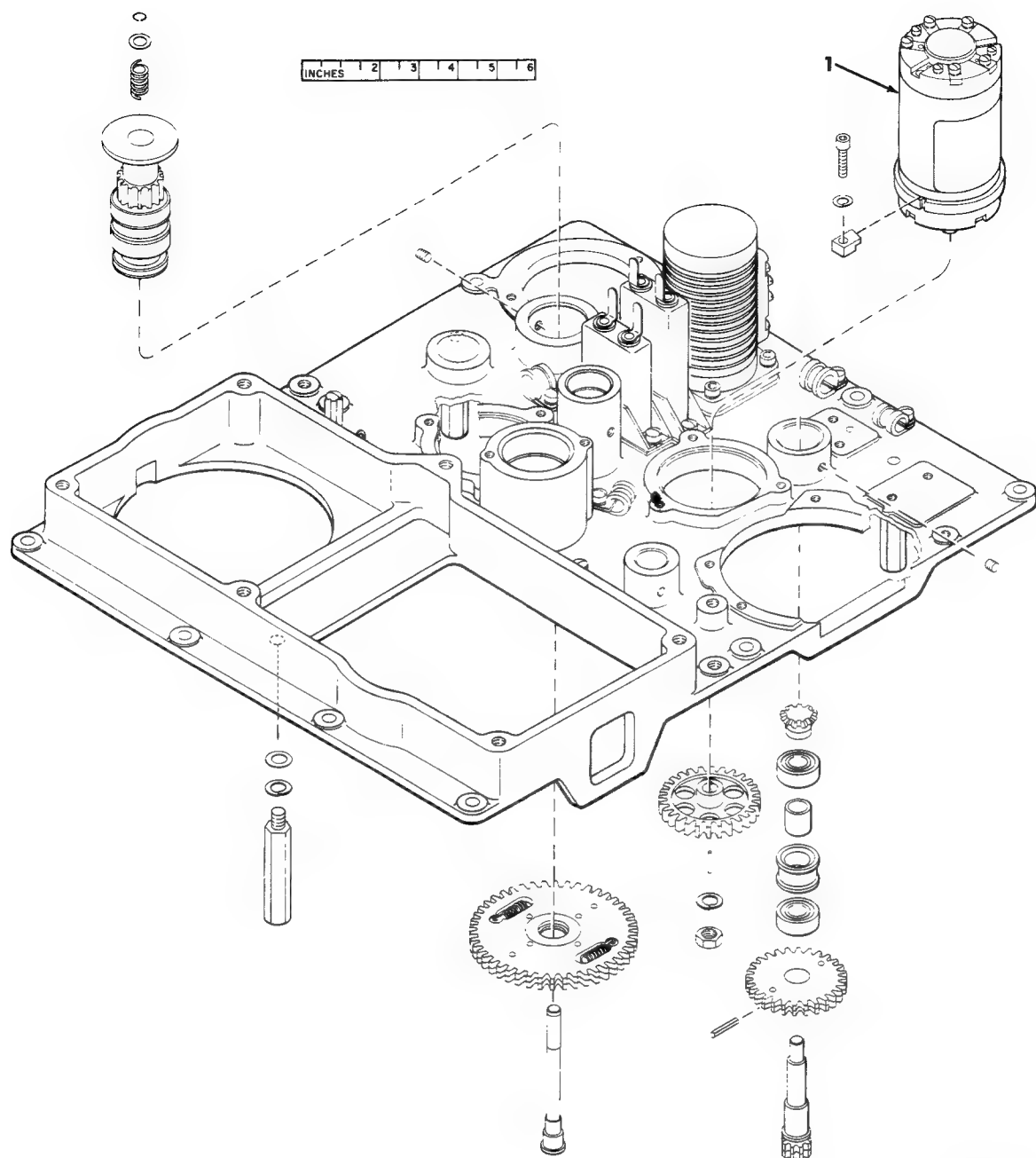
Figure 177. Transmitter, position (9143795)—partial exploded view



ORD G284257

1 SYNCHRO 7674818

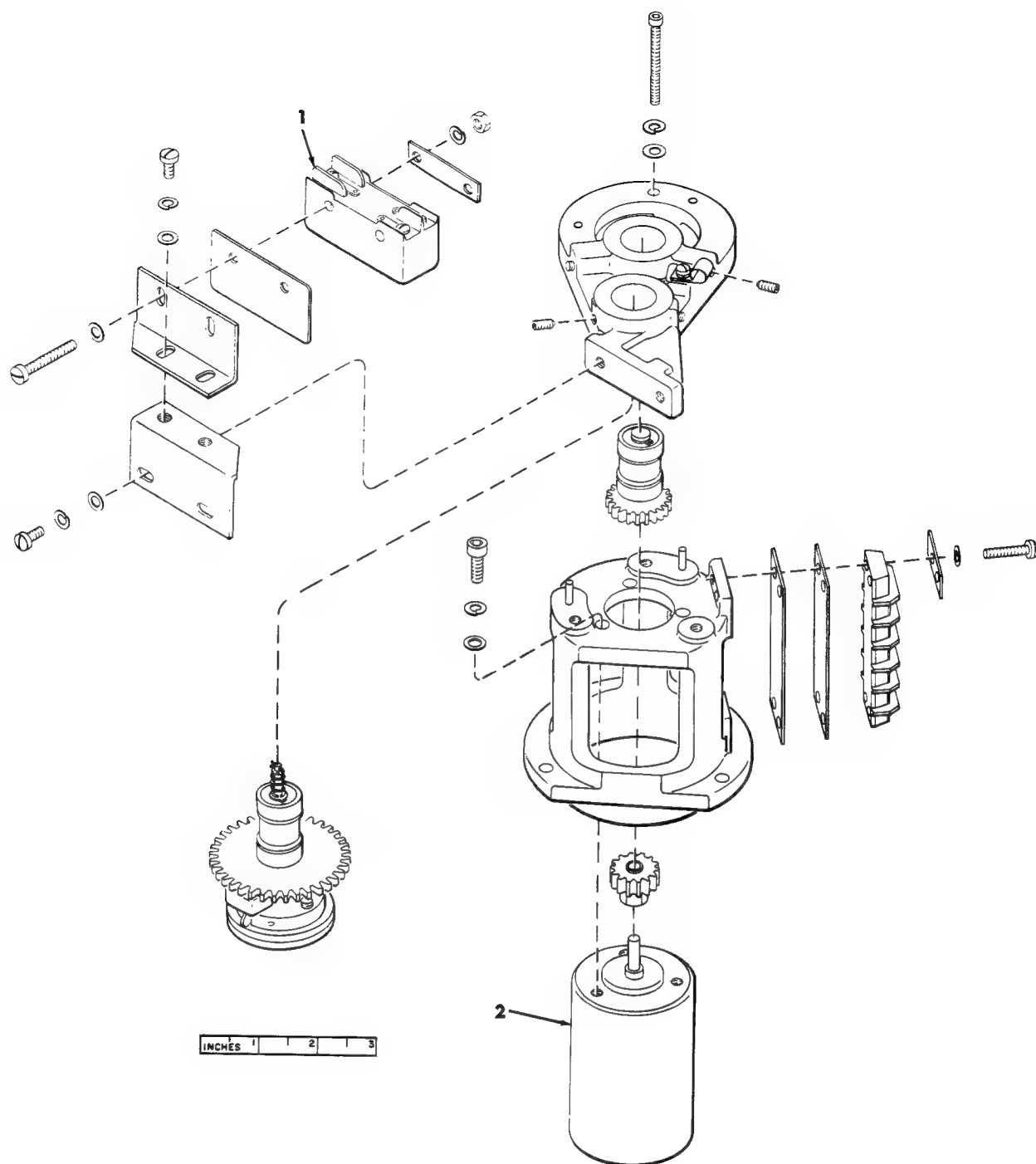
Figure 178. Transmitter, position (9143795)—partial exploded view



ORD G284258

1 SYNCHRO 7674818

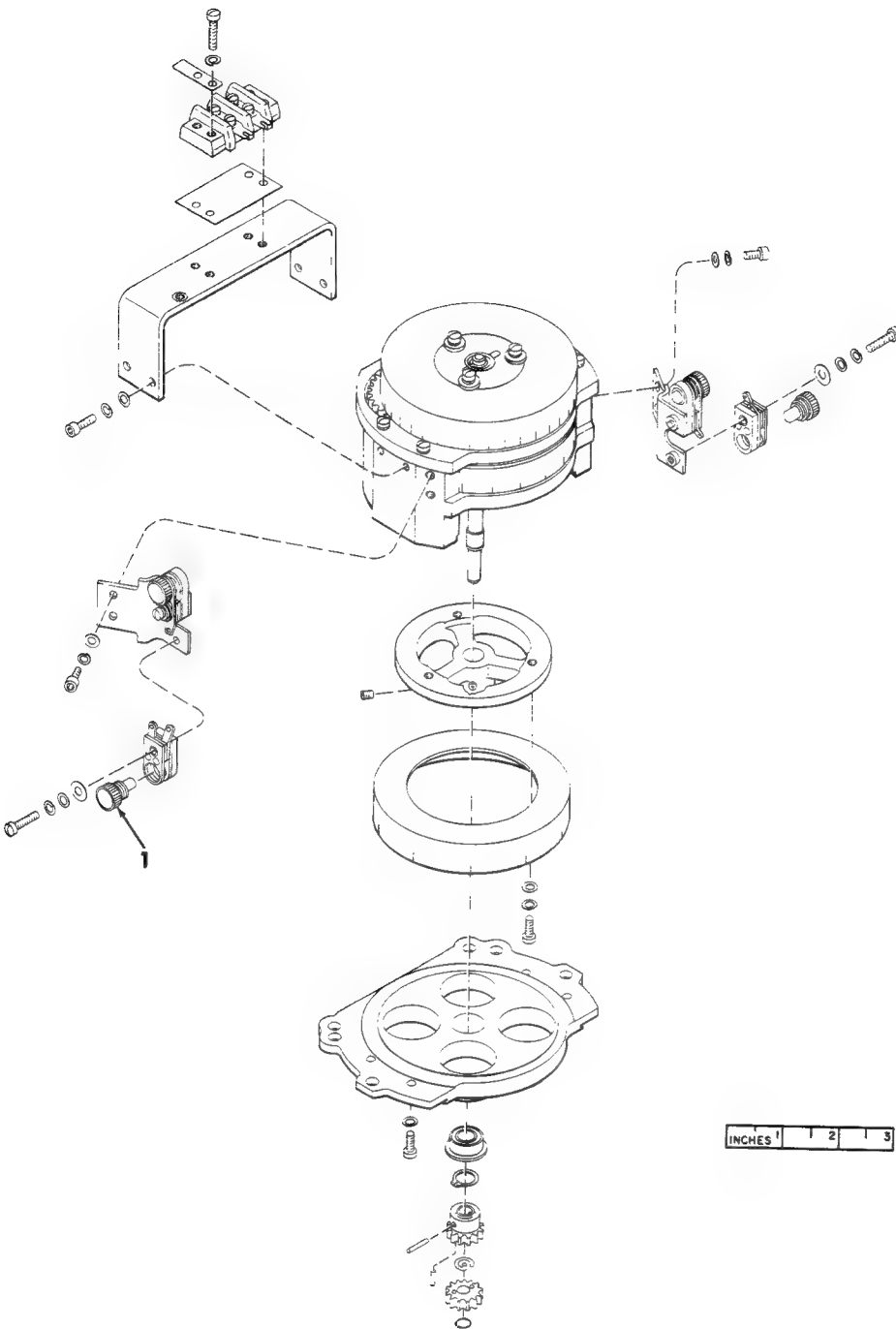
Figure 179. Transmitter, position (9143795)—partial exploded view



ORD G284259

- 1 SWITCH SS01A20
- 2 MOTOR 8024302

Figure 180. Drive, centrifugal, clutch (8172355)—exploded view



ORD G284260

1 LAMP MS-25236-323

Figure 181. Gear assembly, dial drive (8171866)—exploded view

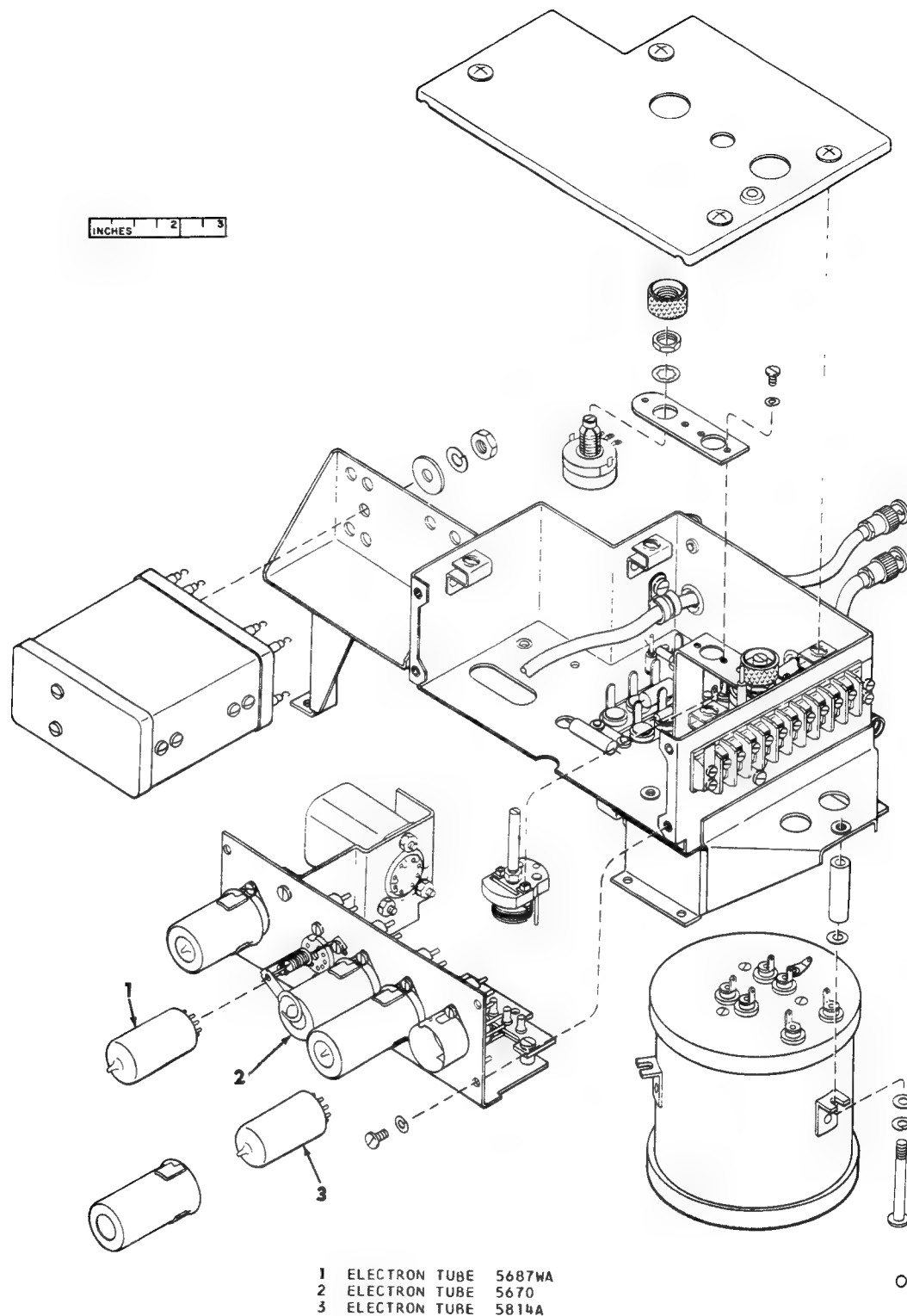
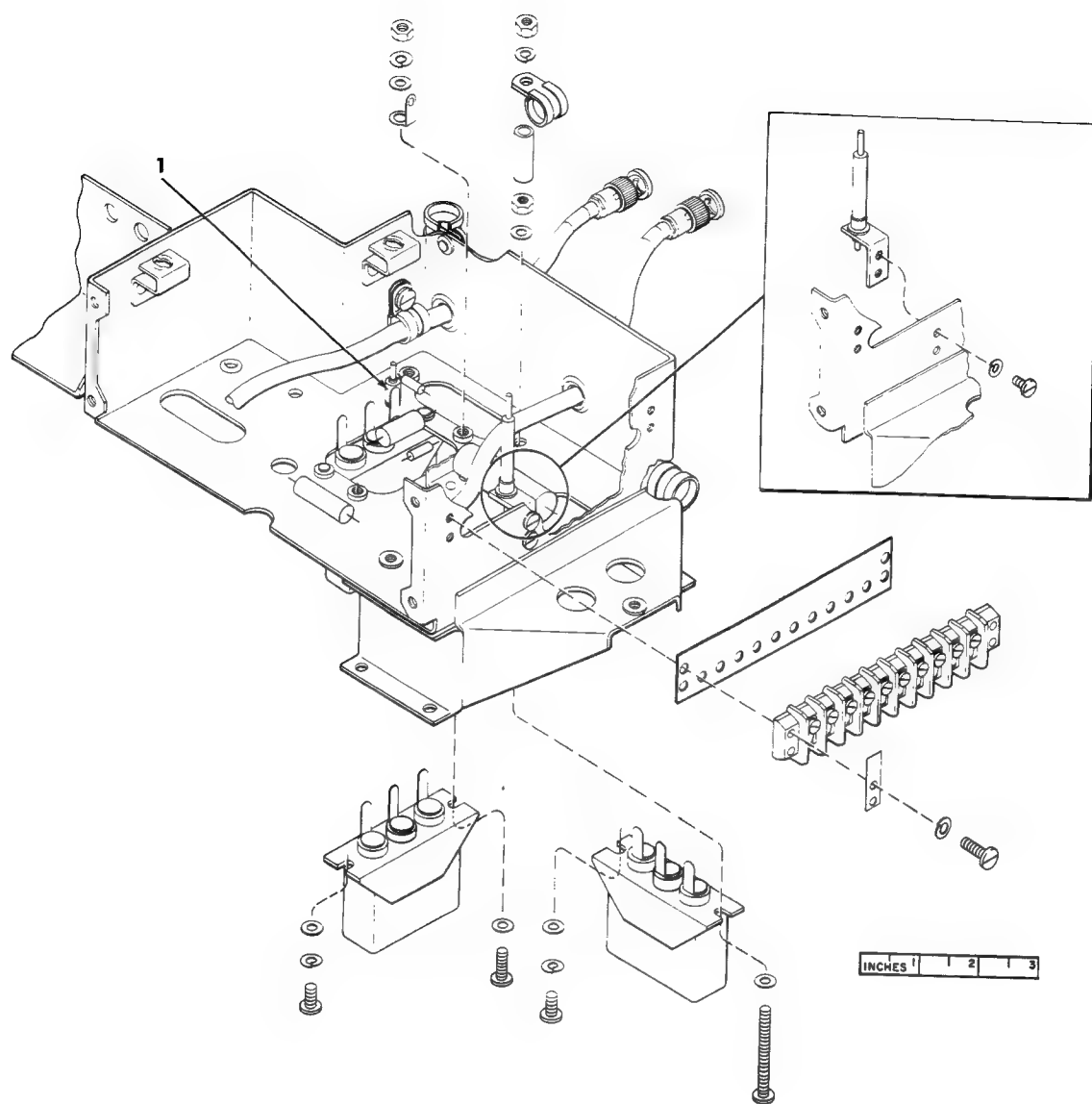


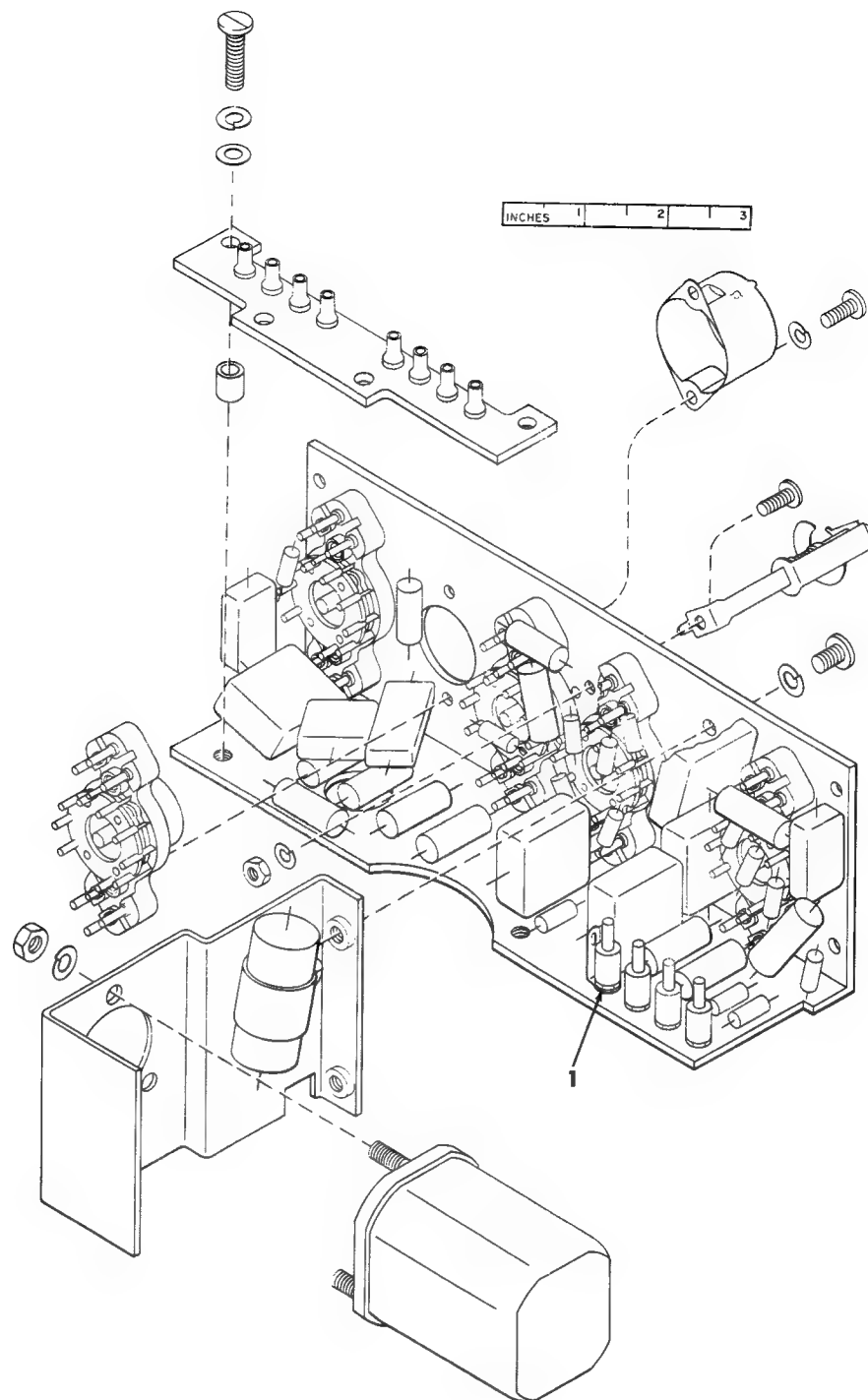
Figure 182. Oscillator subassembly (9141254)—partial exploded view



ORD G260005

1 TERMINAL 7598949

Figure 183. Oscillator subassembly (9141254)—partial exploded view

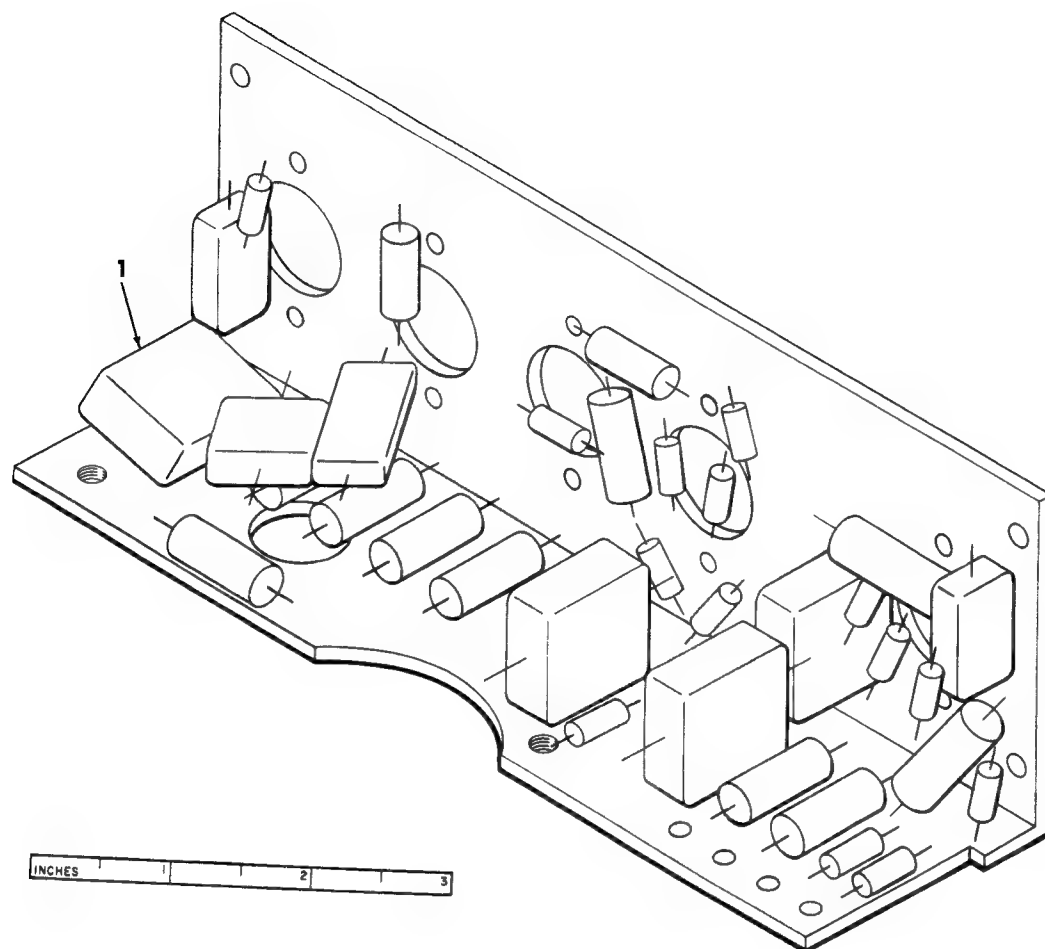


ORD G284262

1 TERMINAL 7598949

Figure 184. Oscillator subassembly (9141257)—partial exploded view

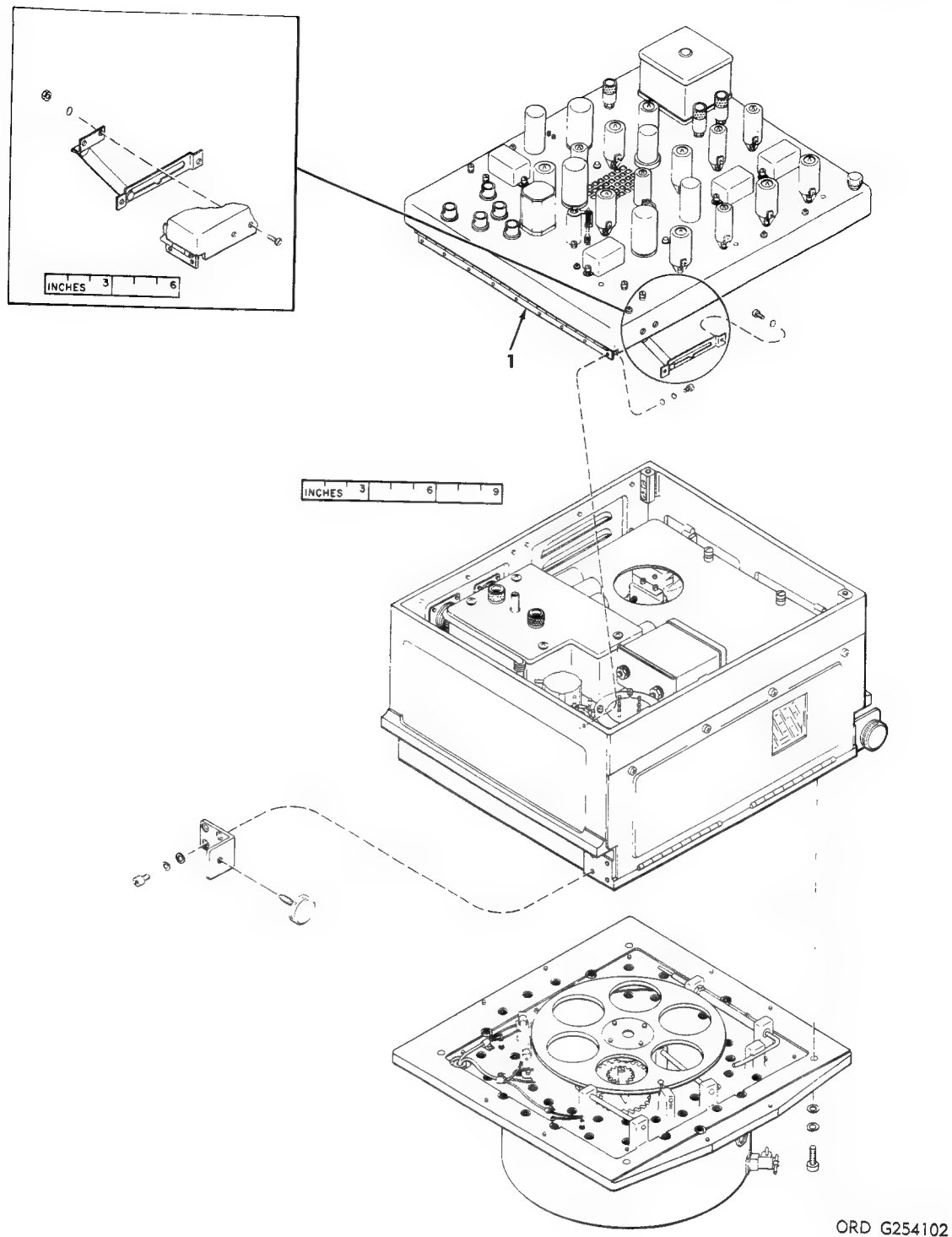




ORD G284263

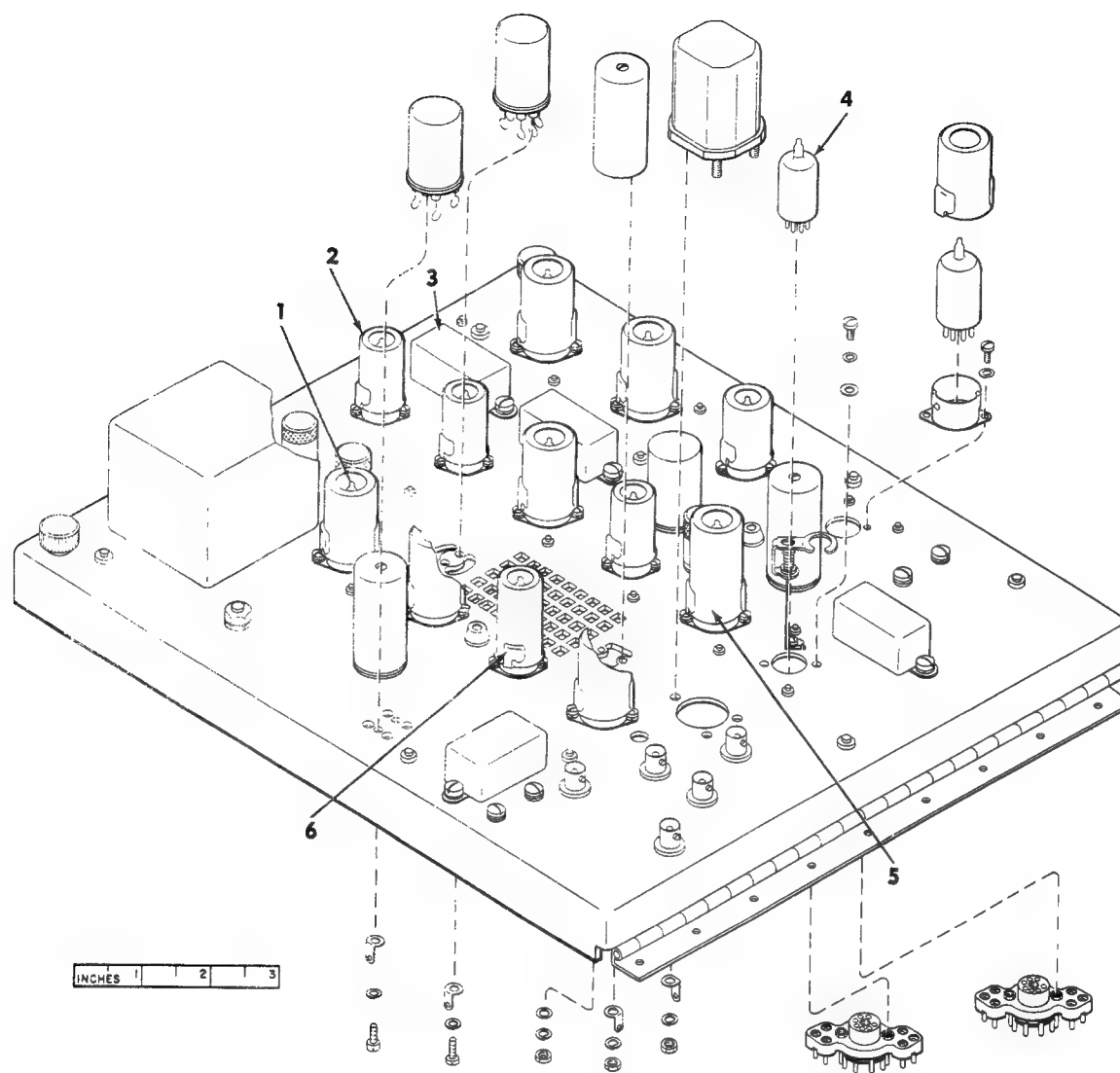
1 CAPACITOR CM35E103J

Figure 185. Oscillator subassembly (9141257)—partial exploded view



1 AMPLIFIER 9139862

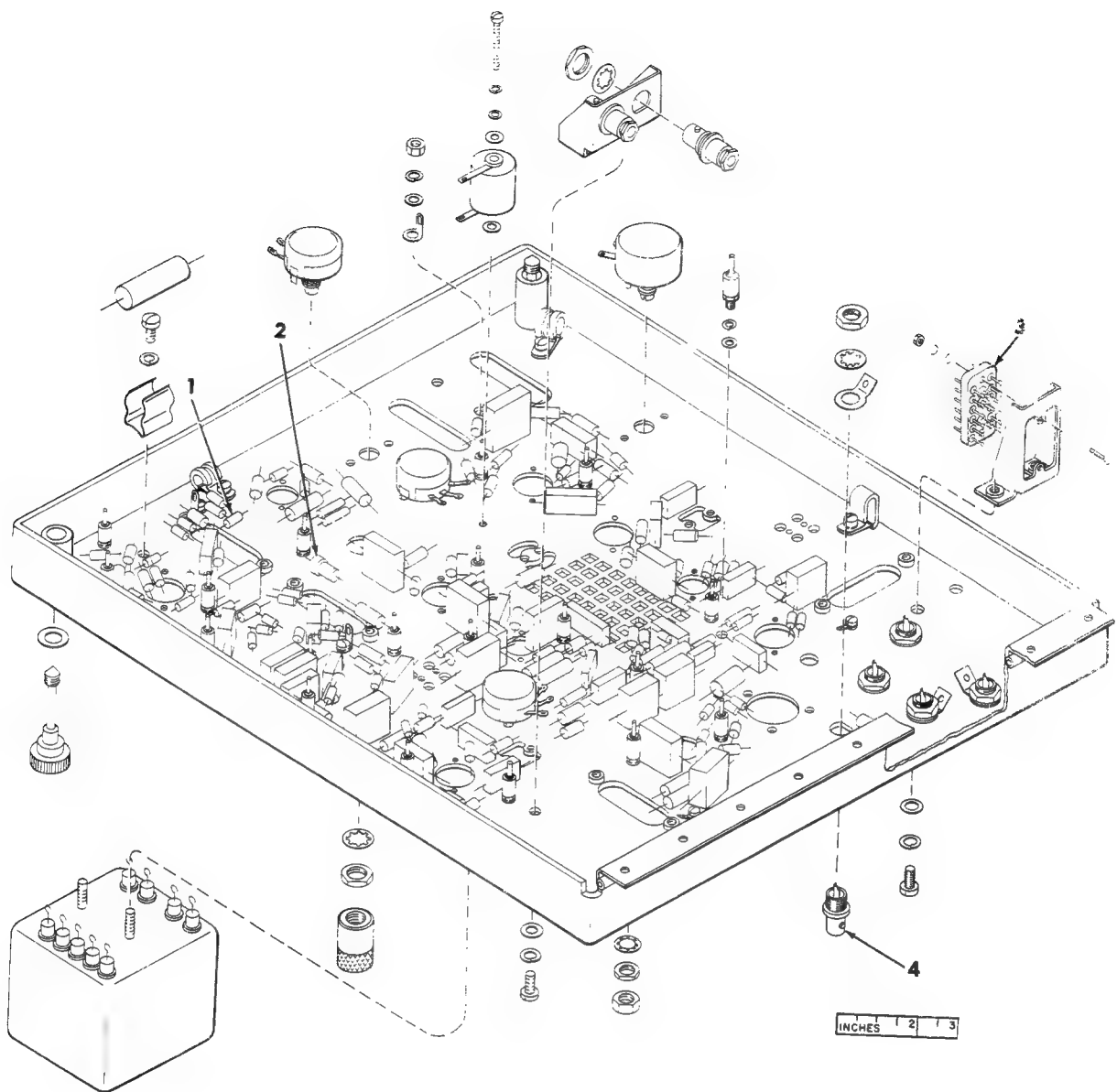
Figure 186. Amplifier-control group (8158372)—partial exploded view



ORD G284264

- |   |               |               |
|---|---------------|---------------|
| 1 | ELECTRON TUBE | 5670          |
| 2 | ELECTRON TUBE | 5726/6AL5W    |
| 3 | CAPACITOR     | CP55B4EF104V1 |
| 4 | ELECTRON TUBE | 5687WA        |
| 5 | ELECTRON TUBE | 5814A         |
| 6 | ELECTRON TUBE | 6AH6          |

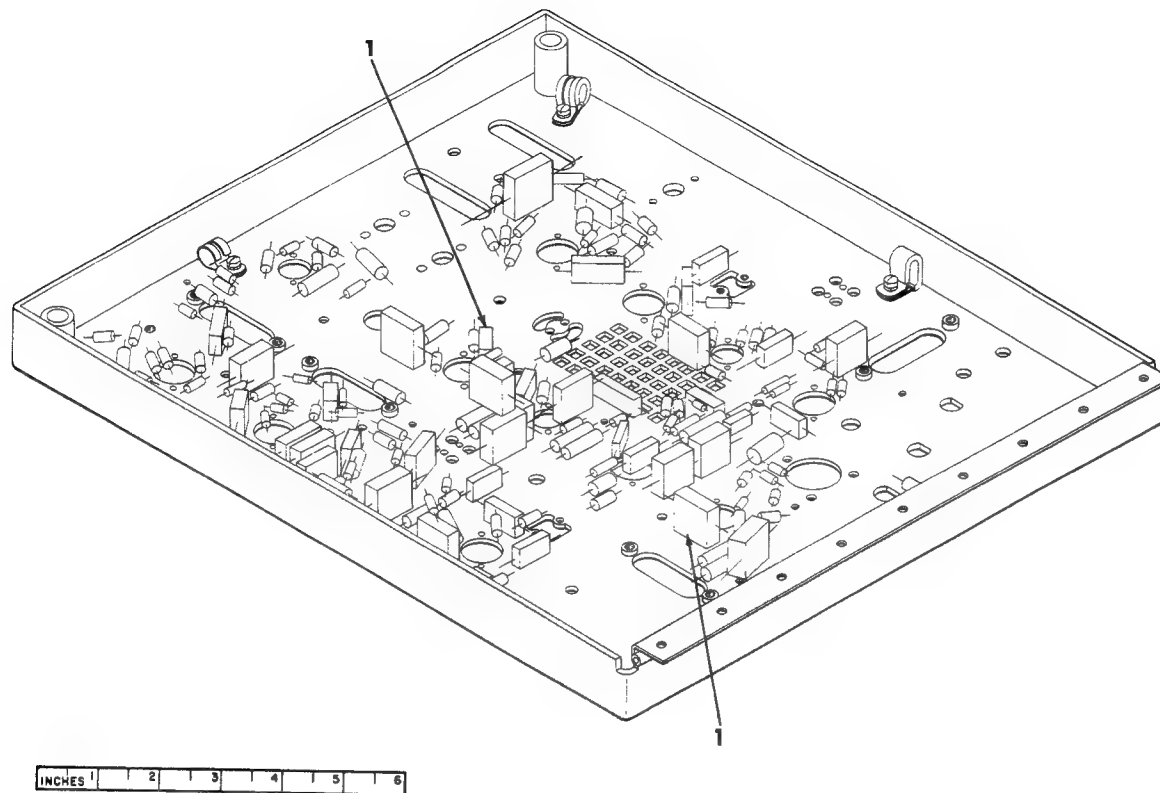
Figure 187. Amplifier, trigger (9139862)—partial exploded view



ORD G284265

- 1 SEMICONDUCTOR DEVICE  
7598937
- 2 CAPACITOR 8023439
- 3 CONNECTOR 7598934
- 4 CONNECTOR MS-27035-625B

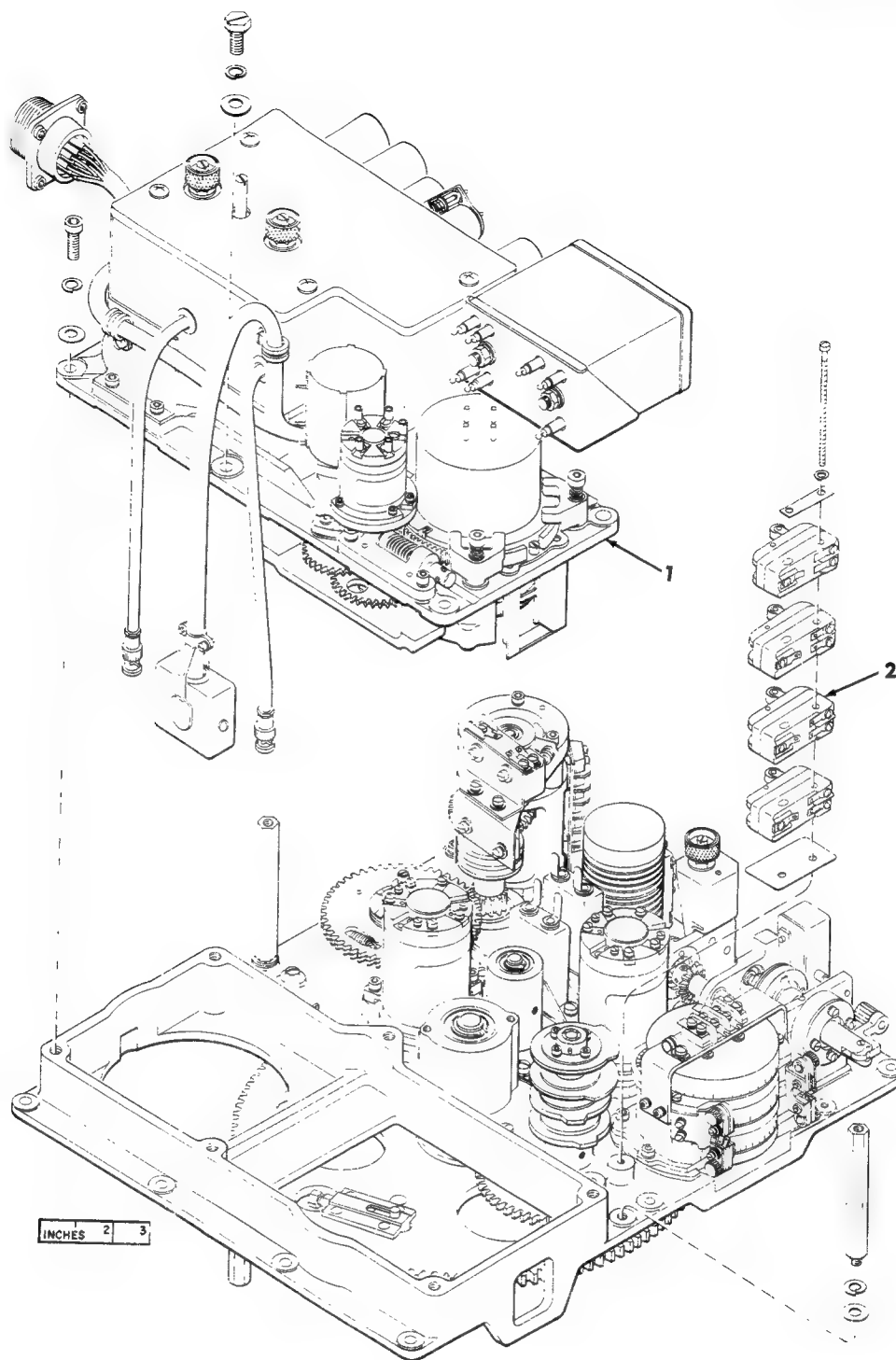
Figure 188. Amplifier, trigger (9139862)—partial exploded view



ORD G284266

1 CAPACITOR CM35E103J

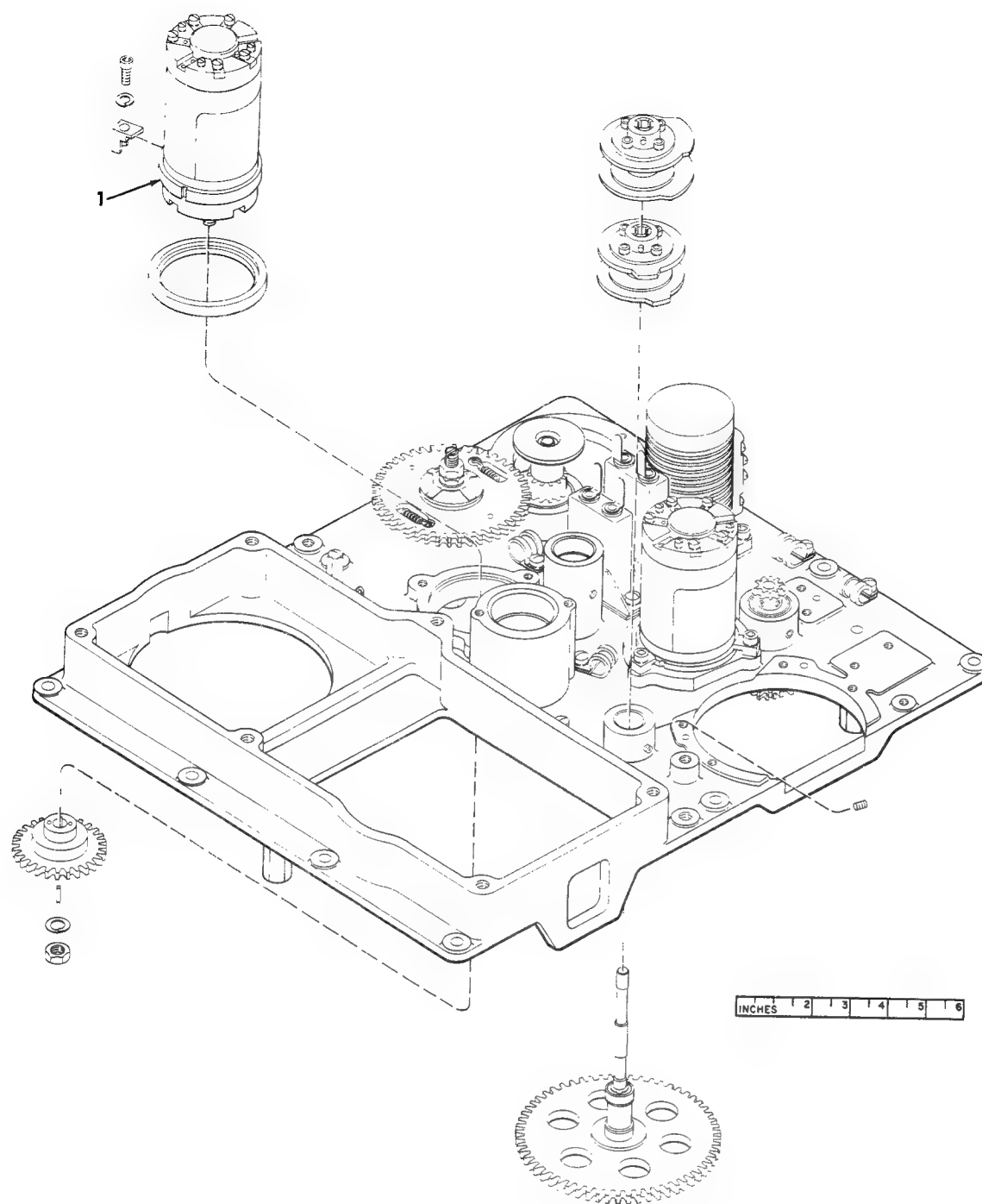
Figure 189. Amplifier, trigger (9139862)—partial exploded view



- 1 AMPLIFIER-OSCILLATOR  
9000051
- 2 SWITCH 7601946

ORD G284267

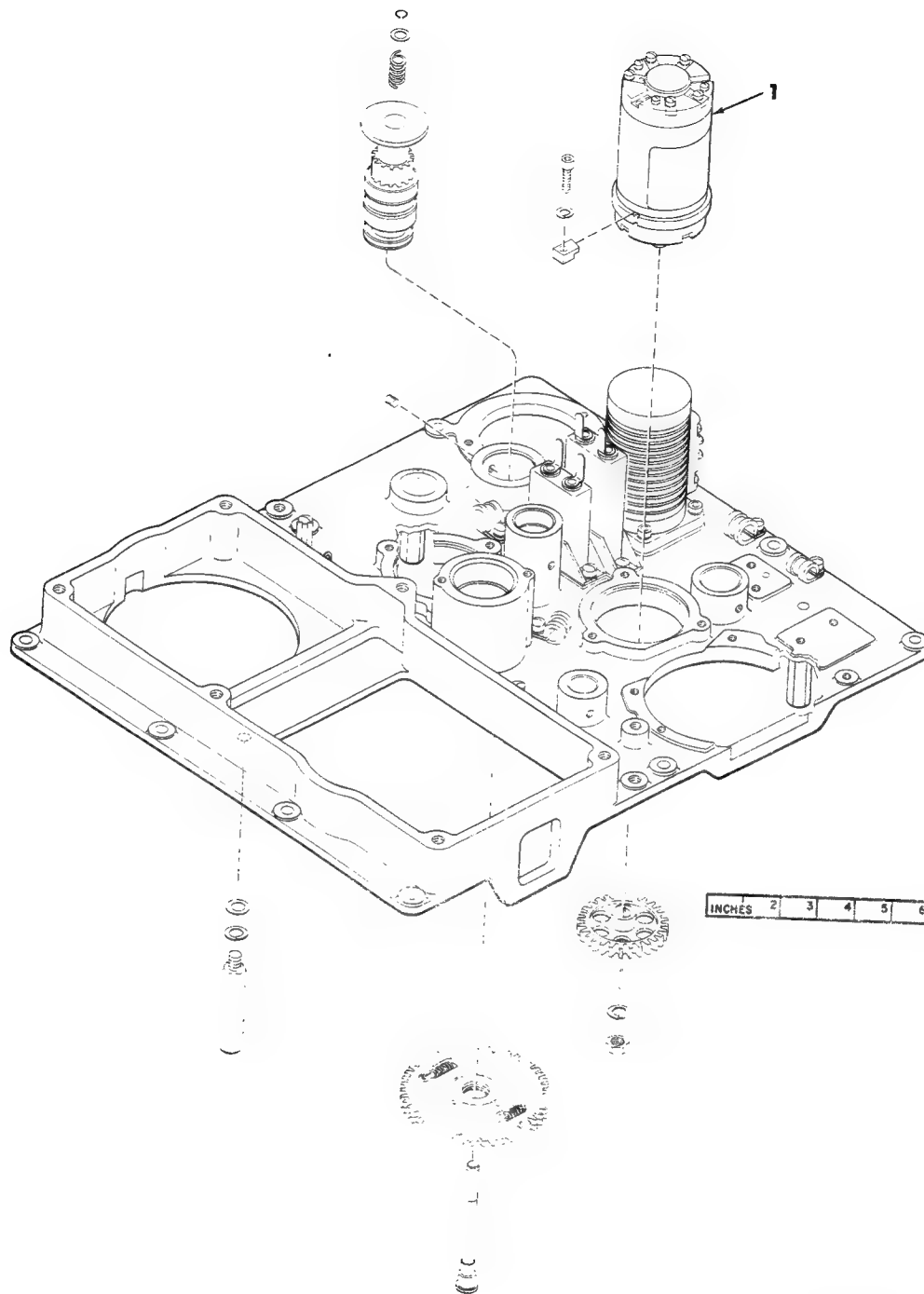
Figure 190. Transmitter, position (8158365)—partial exploded view



ORD G284268

1 SYNCHRO 7674818

Figure 191. Transmitter, position (8158365)—partial exploded view

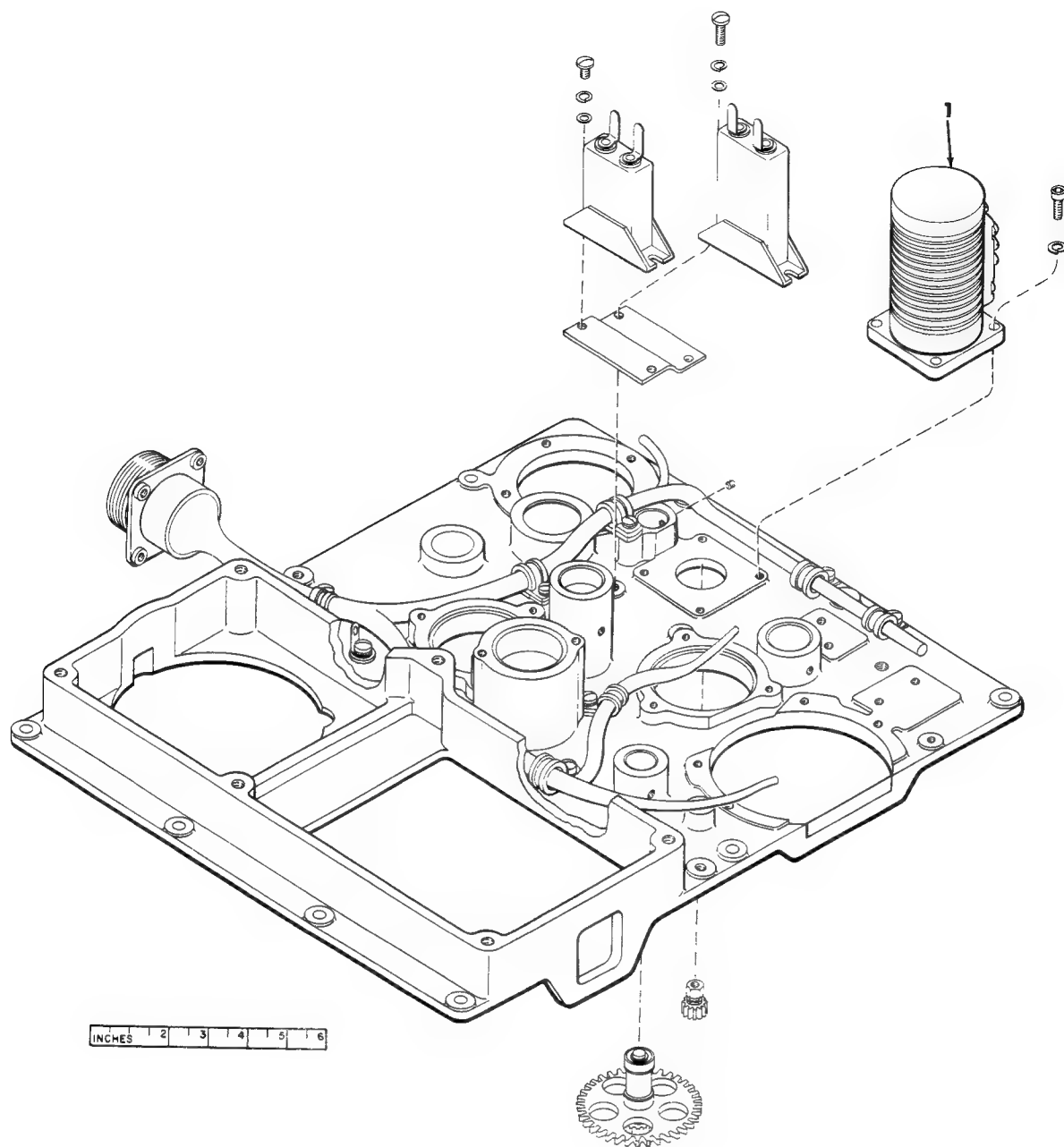


ORD G284269

1 SYNCHRO 7674818

Figure 192. Transmitter, position (8158365)—partial exploded view

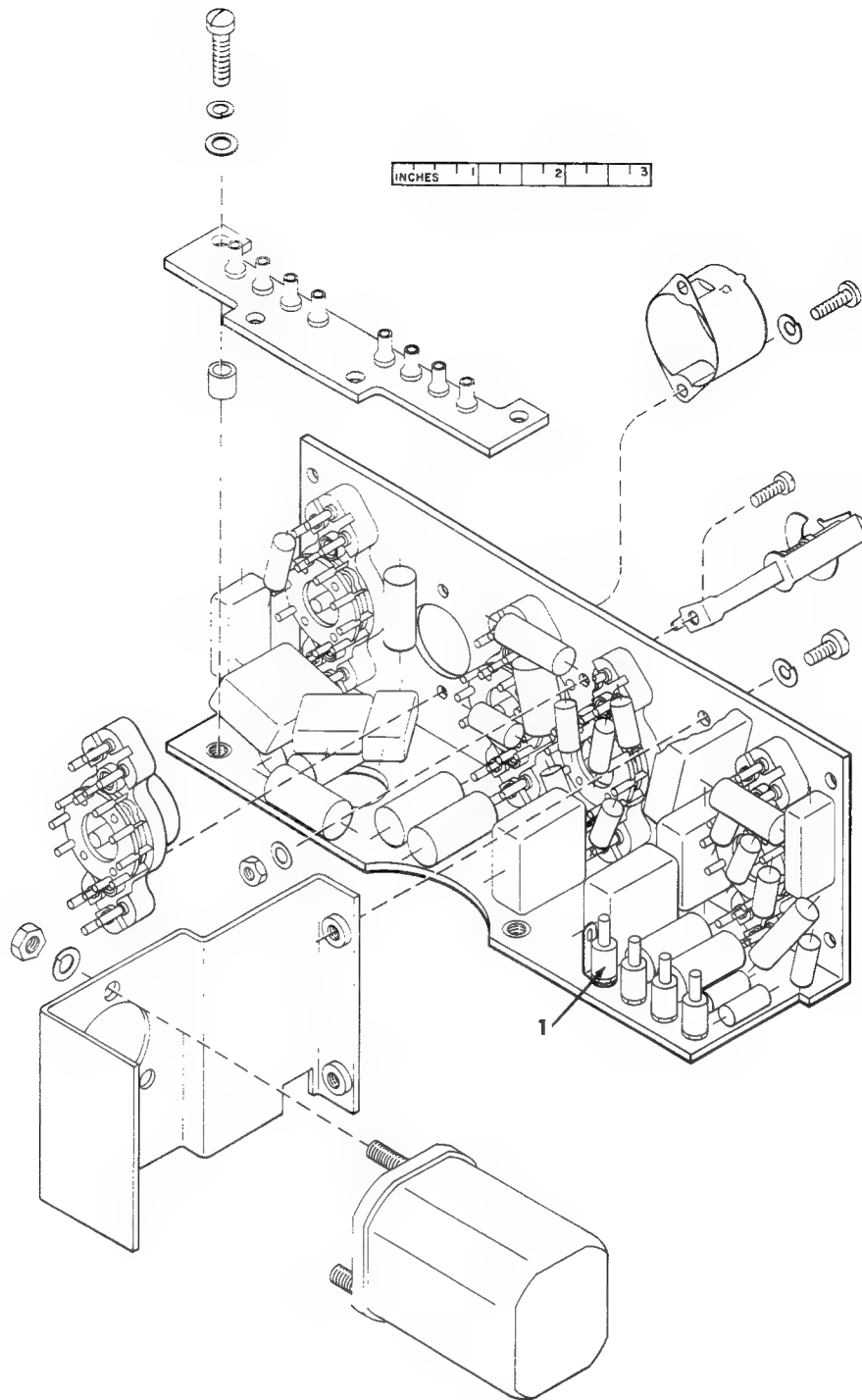




ORD G284270

1 MOTOR-GENERATOR 7501 334

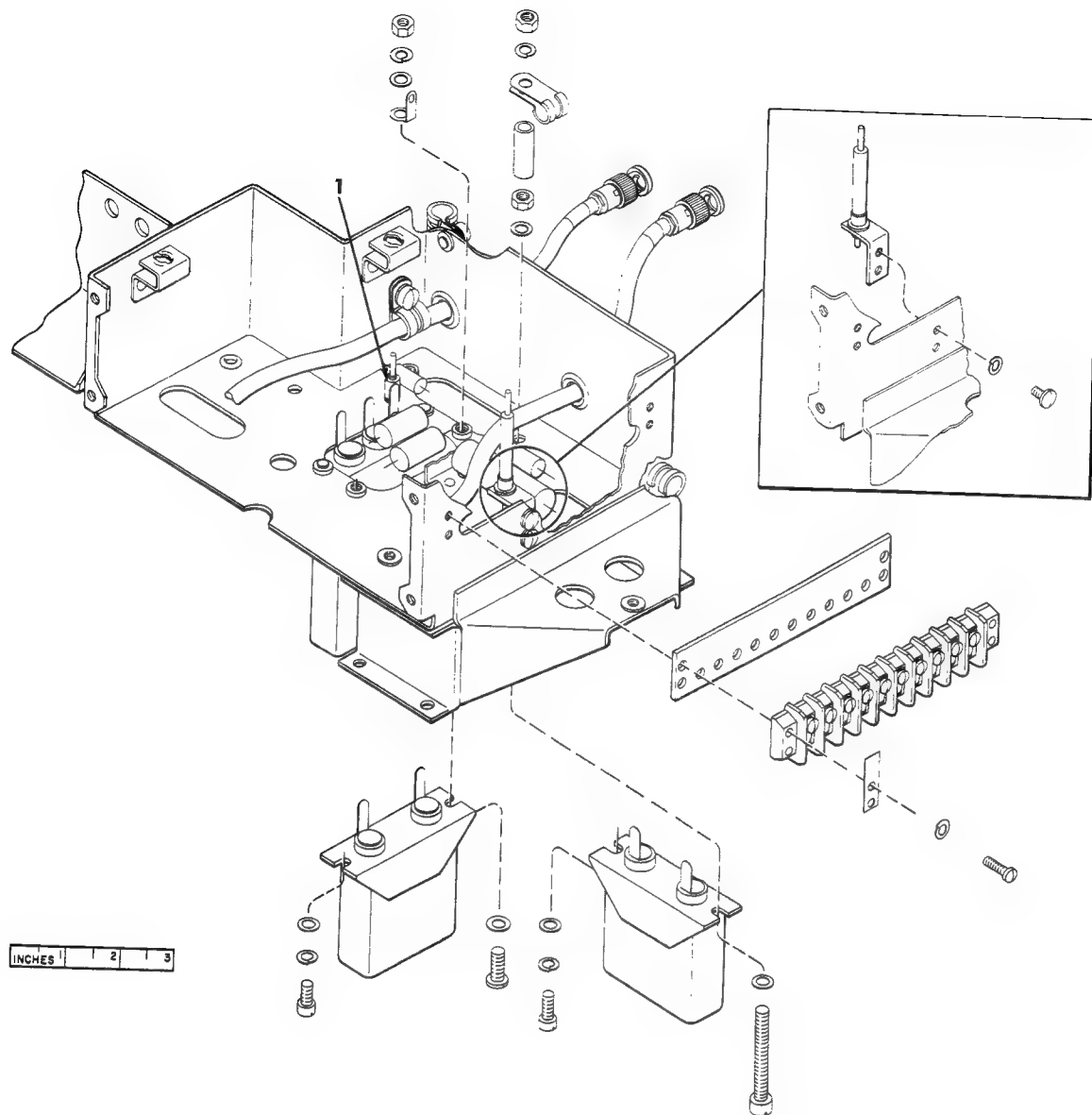
Figure 193. Transmitter, position (8158365)—partial exploded view



ORD G284272

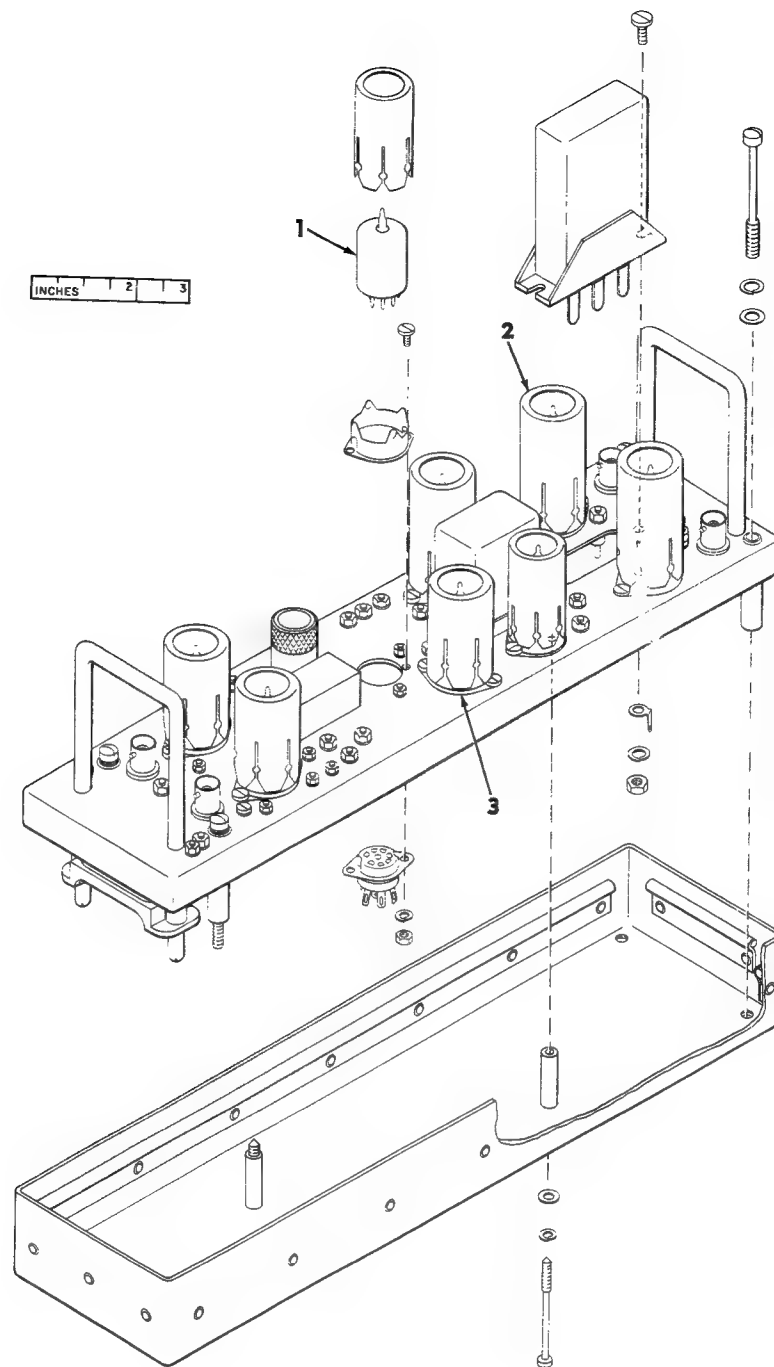
1 TERMINAL 7598949

Figure 196. Amplifier-oscillator (8172373)—partial exploded view



ORD G260011

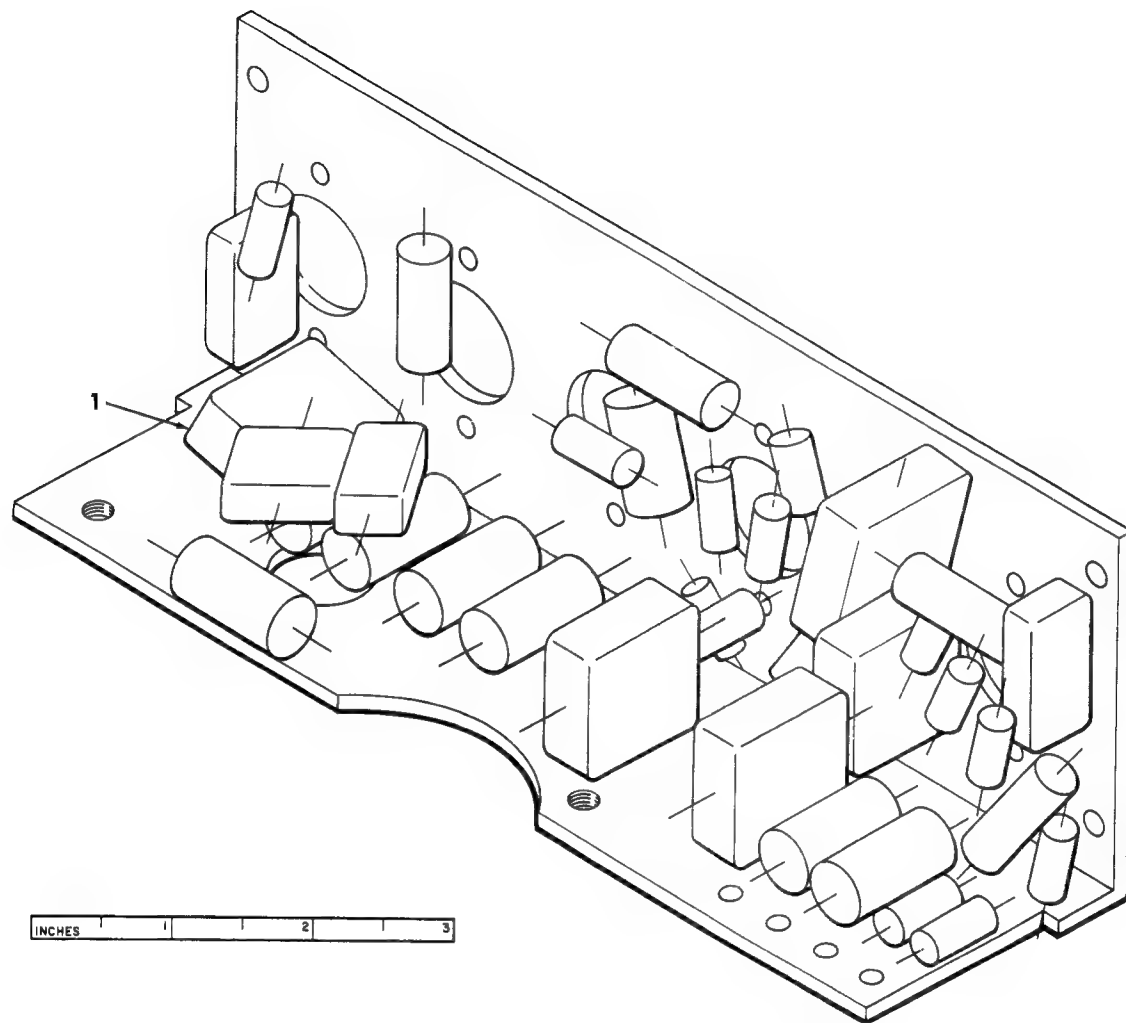
Figure 195. Amplifier-oscillator (8172414)—partial exploded view



ORD G284274

- 1 ELECTRON TUBE 5726/6AL5W
- 2 ELECTRON TUBE 5687WA
- 3 ELECTRON TUBE 5670

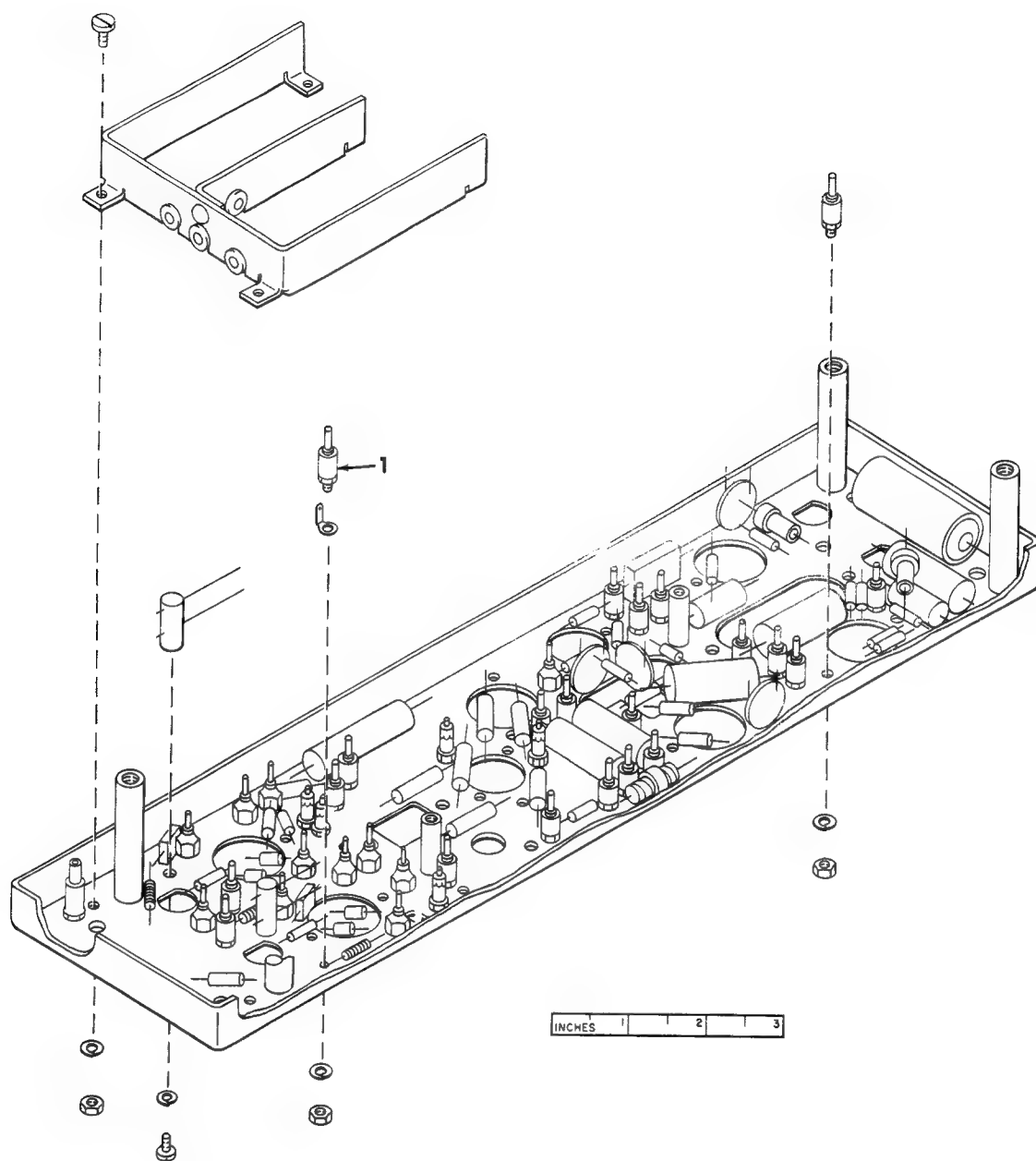
Figure 198. Detector, radio frequency (9009270)—partial exploded view



ORD G284273

1 CAPACITOR CM35E103J

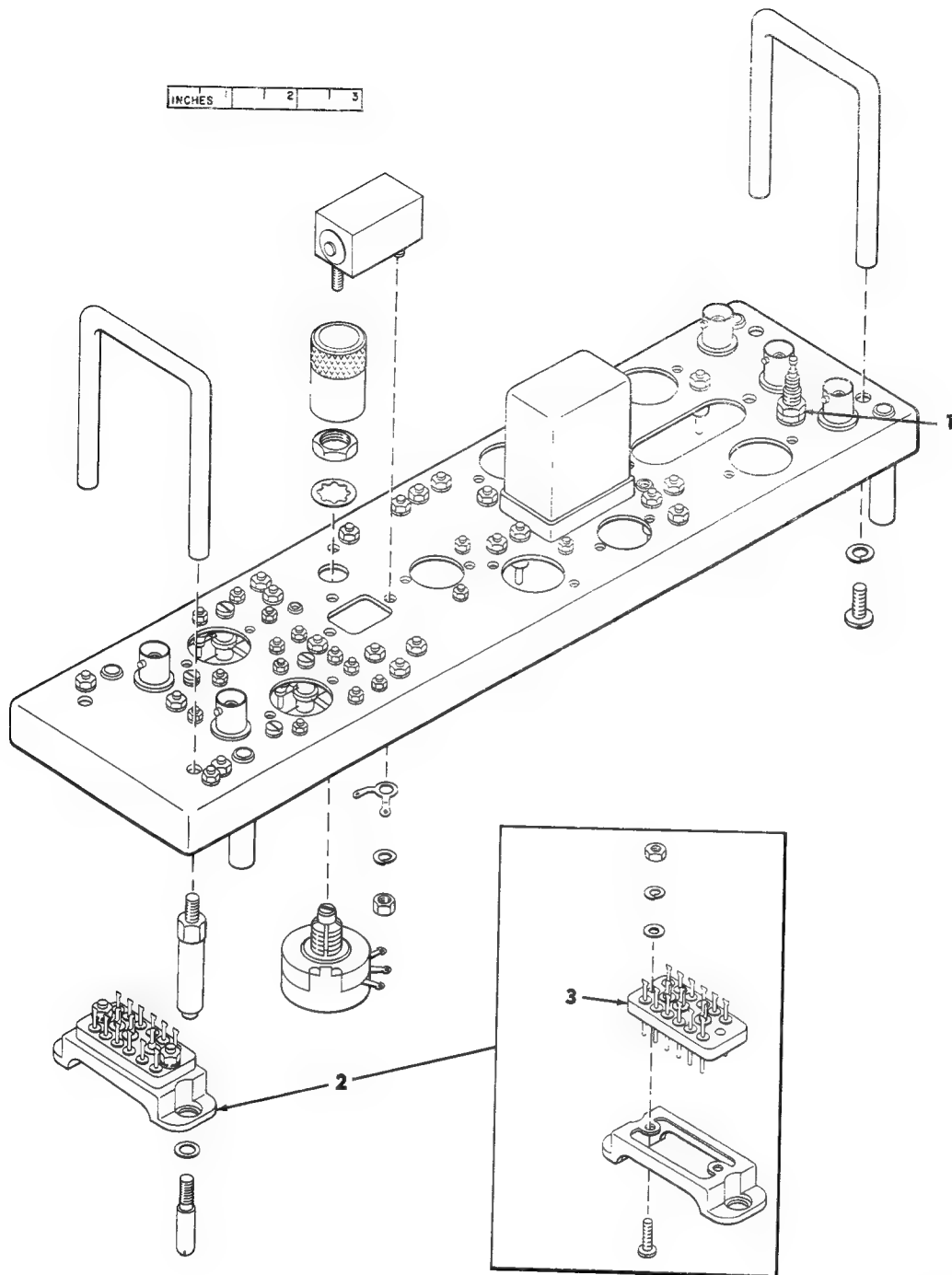
Figure 197. Amplifier-oscillator (8172373)—partial exploded view



ORD G284275

1 TERMINAL 7598949

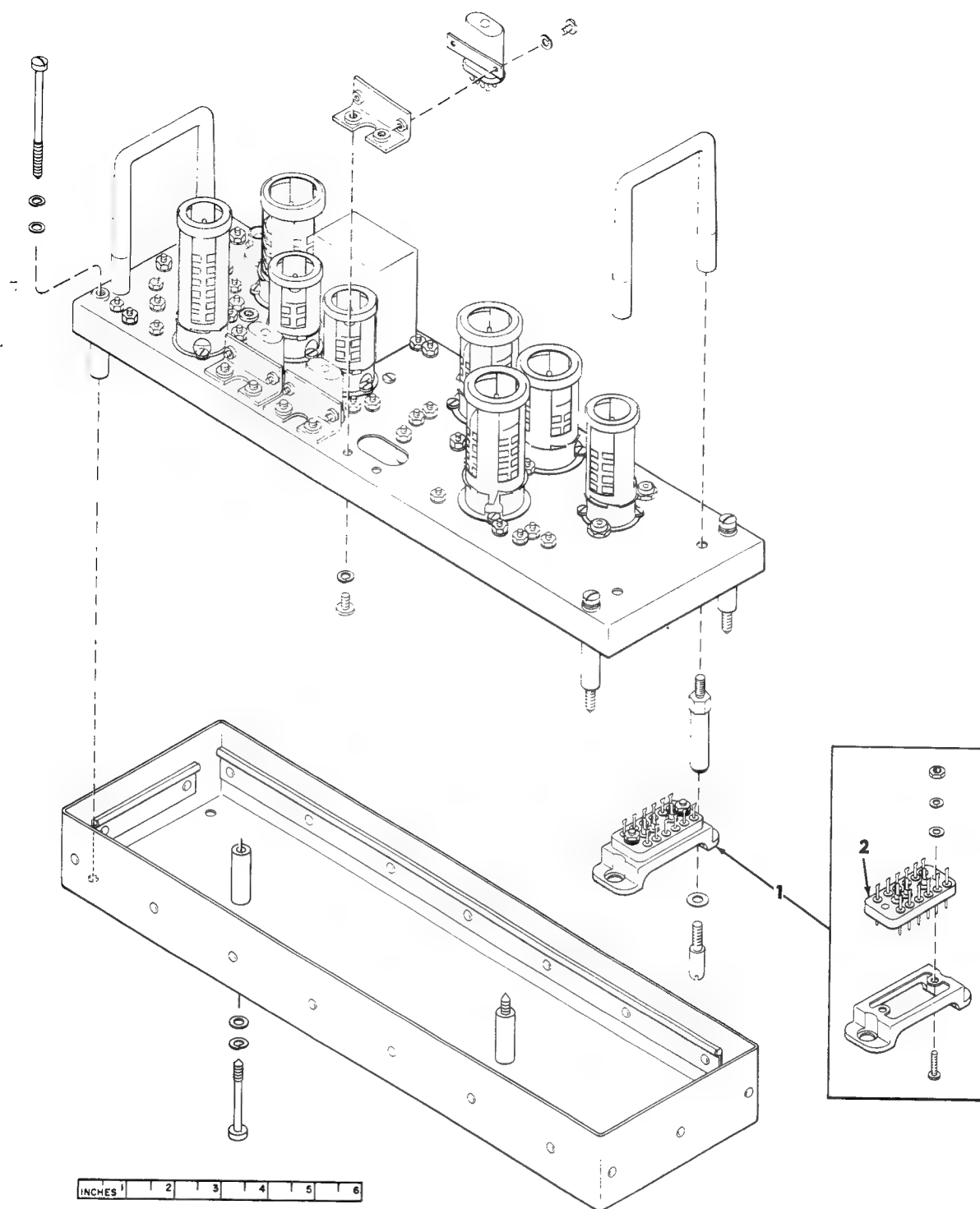
Figure 200. Detector, radio frequency (9009270)—partial exploded view



- 1 JACK 8175214
- 2 CONNECTOR 7598051
- 3 CONNECTOR 7598934

ORD G260013

Figure 199. Detector, radio frequency (9009270)—partial exploded view

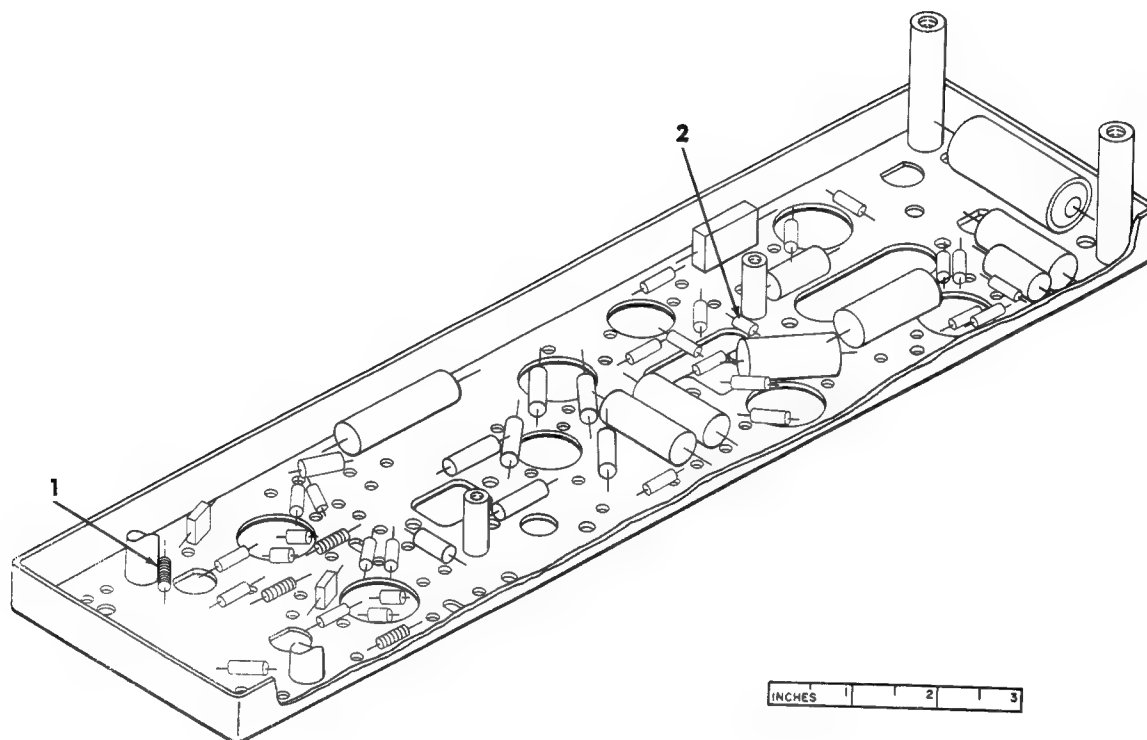


- 1 CONNECTOR 7598051  
2 CONNECTOR 7598934

ORD G260022

Figure 202. Control, electrical frequency (9009464)—partial exploded view

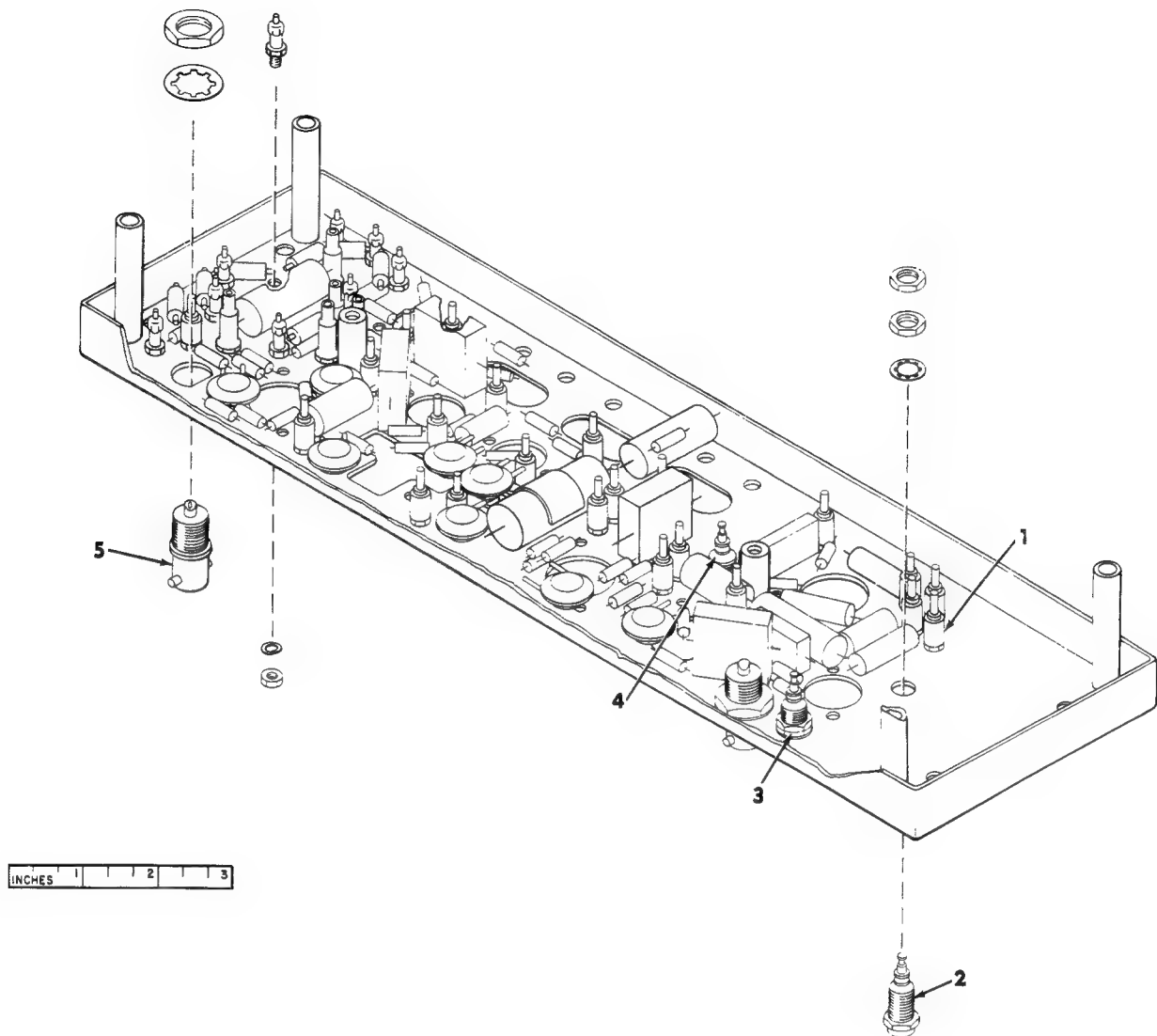




ORD G284276

- 1 FILTER 8009590
- 2 SEMICONDUCTOR DEVICE  
1N198

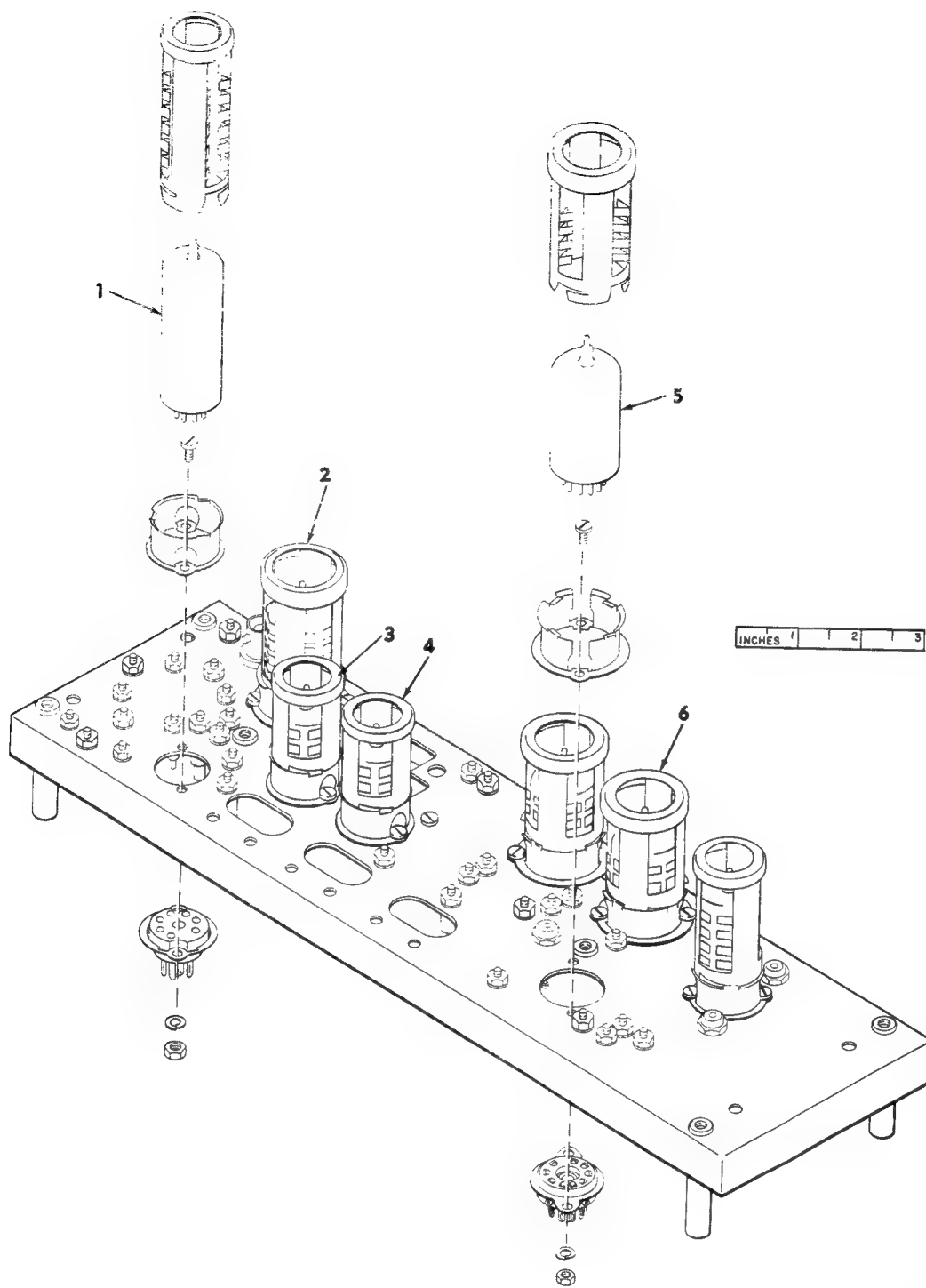
Figure 201. Detector, radio frequency (9009270)—partial exploded view



ORD G284278

- 1 TERMINAL 7598949
- 2 JACK 8134425
- 3 JACK 8175214
- 4 JACK 8175216
- 5 CONNECTOR MS-27035-6256

Figure 204. Control, electrical frequency (9009464)—partial exploded view

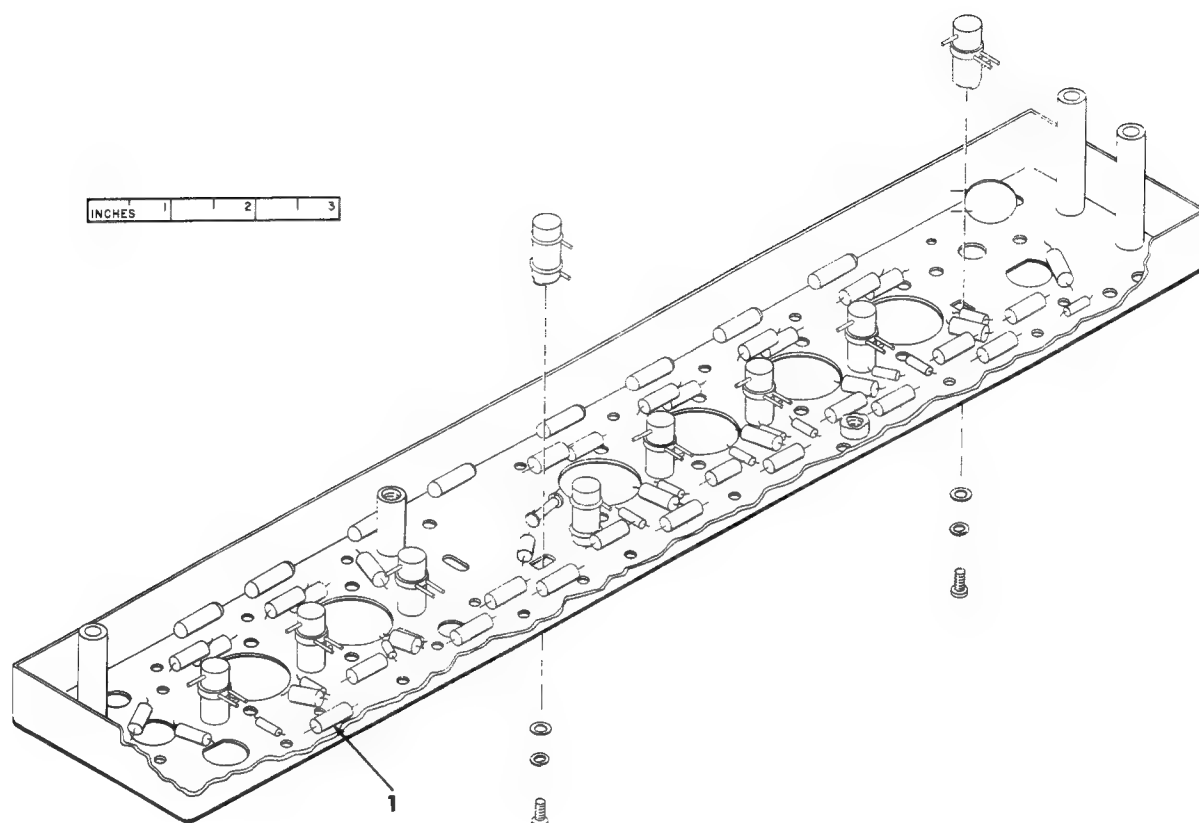


- 1 ELECTRON TUBE 0A2WA  
 2 ELECTRON TUBE 5687WA  
 3 ELECTRON TUBE 5725/6AS6W

- 4 ELECTRON TUBE 5726/6AL5W  
 5 ELECTRON TUBE 5755  
 6 ELECTRON TUBE 5670

ORD G284277

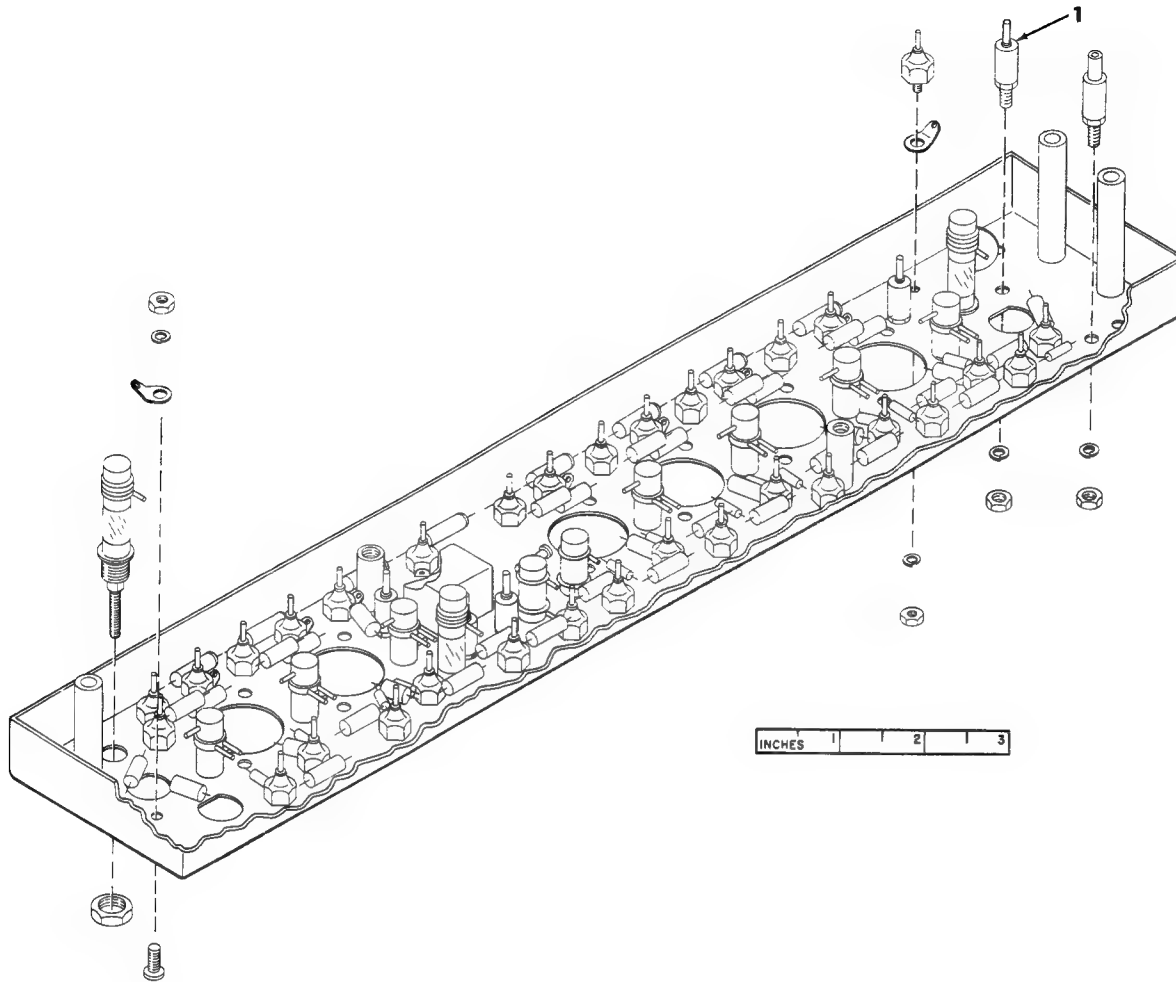
Figure 203. Control, electrical frequency (9009464)—partial exploded view



ORD G284280

1 FILTER 8009590

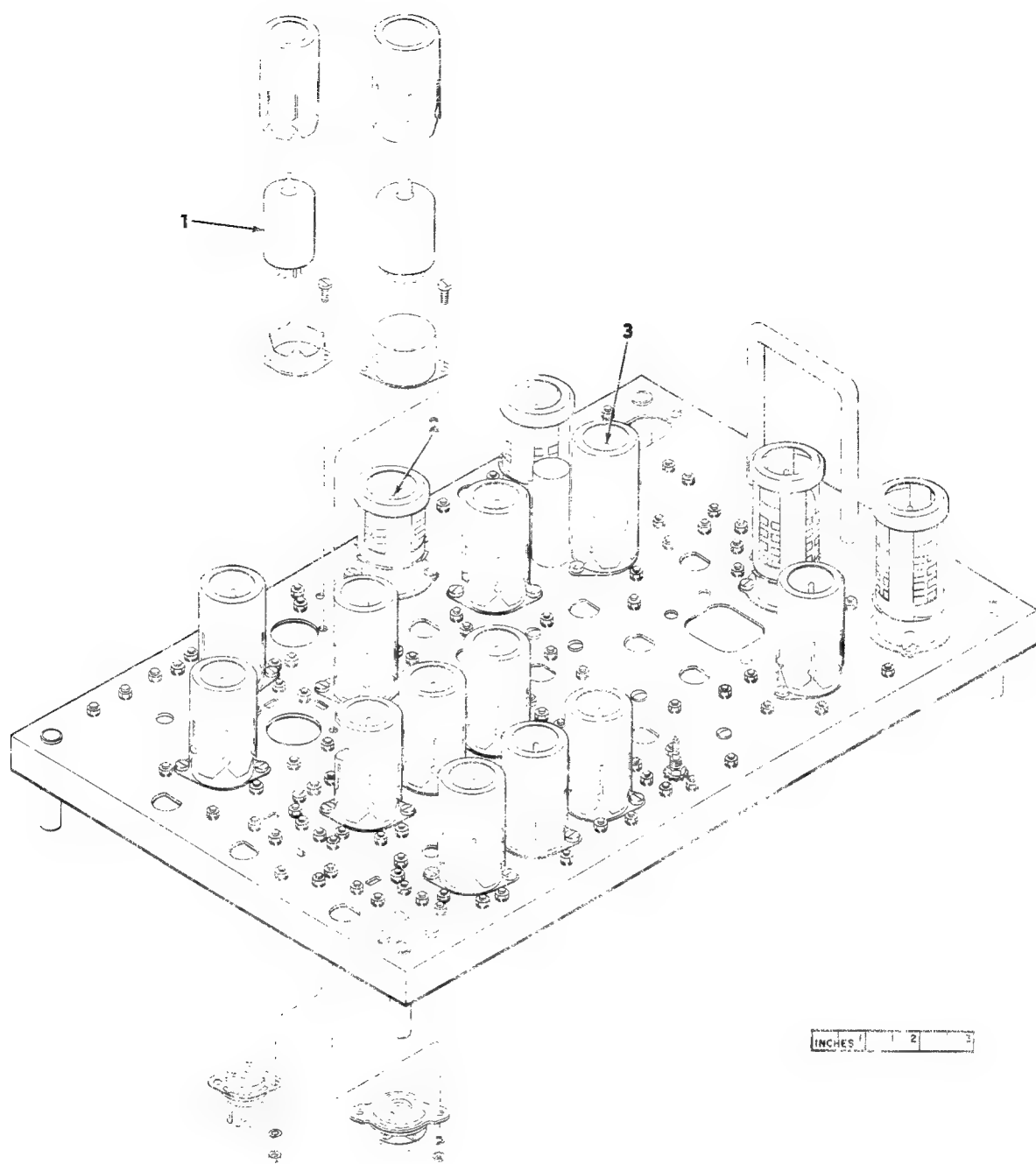
Figure 206. Amplifier, intermediate frequency (9009281)—partial exploded view



ORD G284279

1 TERMINAL 7598949

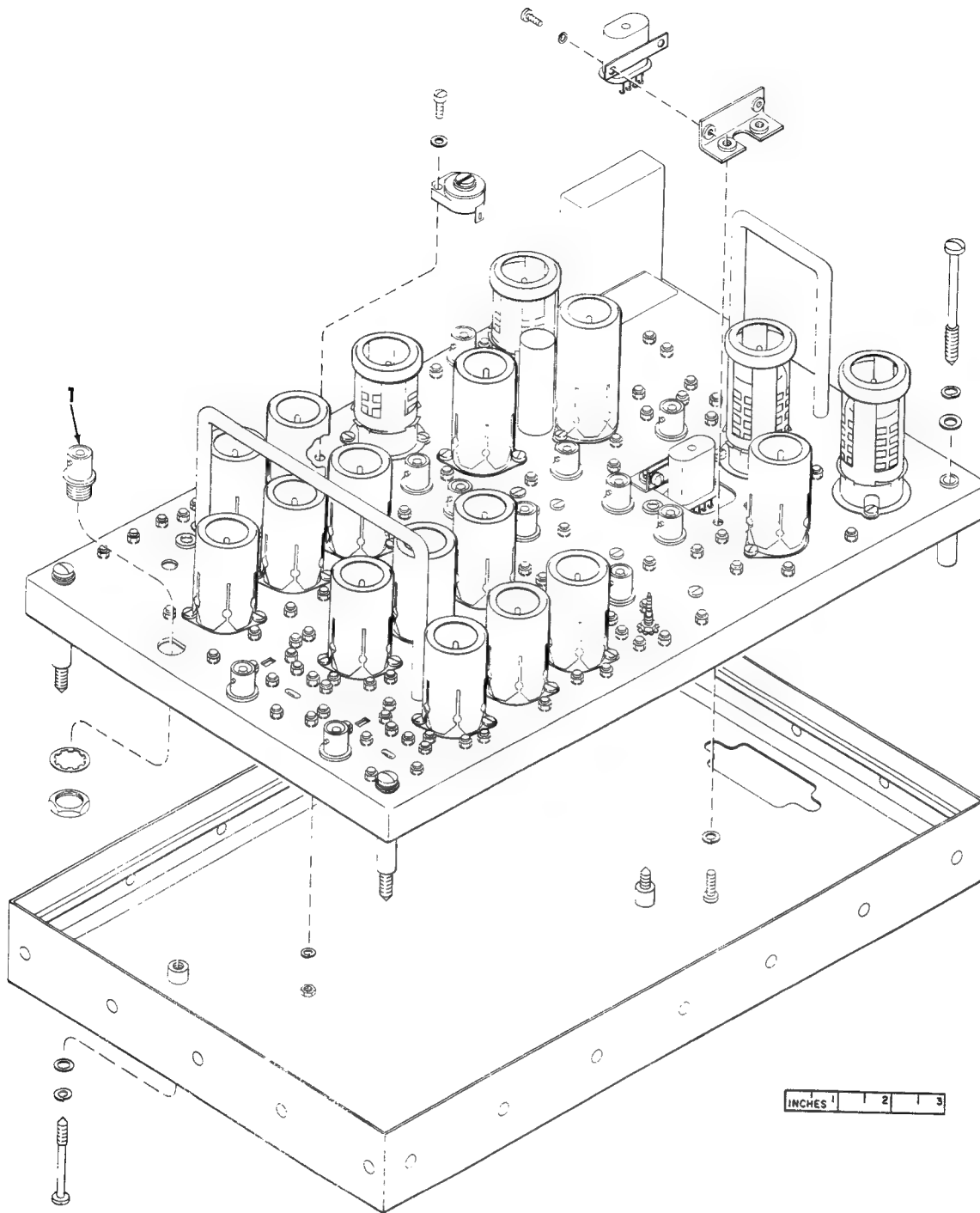
Figure 205. Amplifier, intermediate frequency (9009281)—partial exploded view



ORD G284282

- 1 ELECTRON TUBE 5726/6AL5\*
- 2 ELECTRON TUBE 5670
- 3 ELECTRON TUBE 5687WA

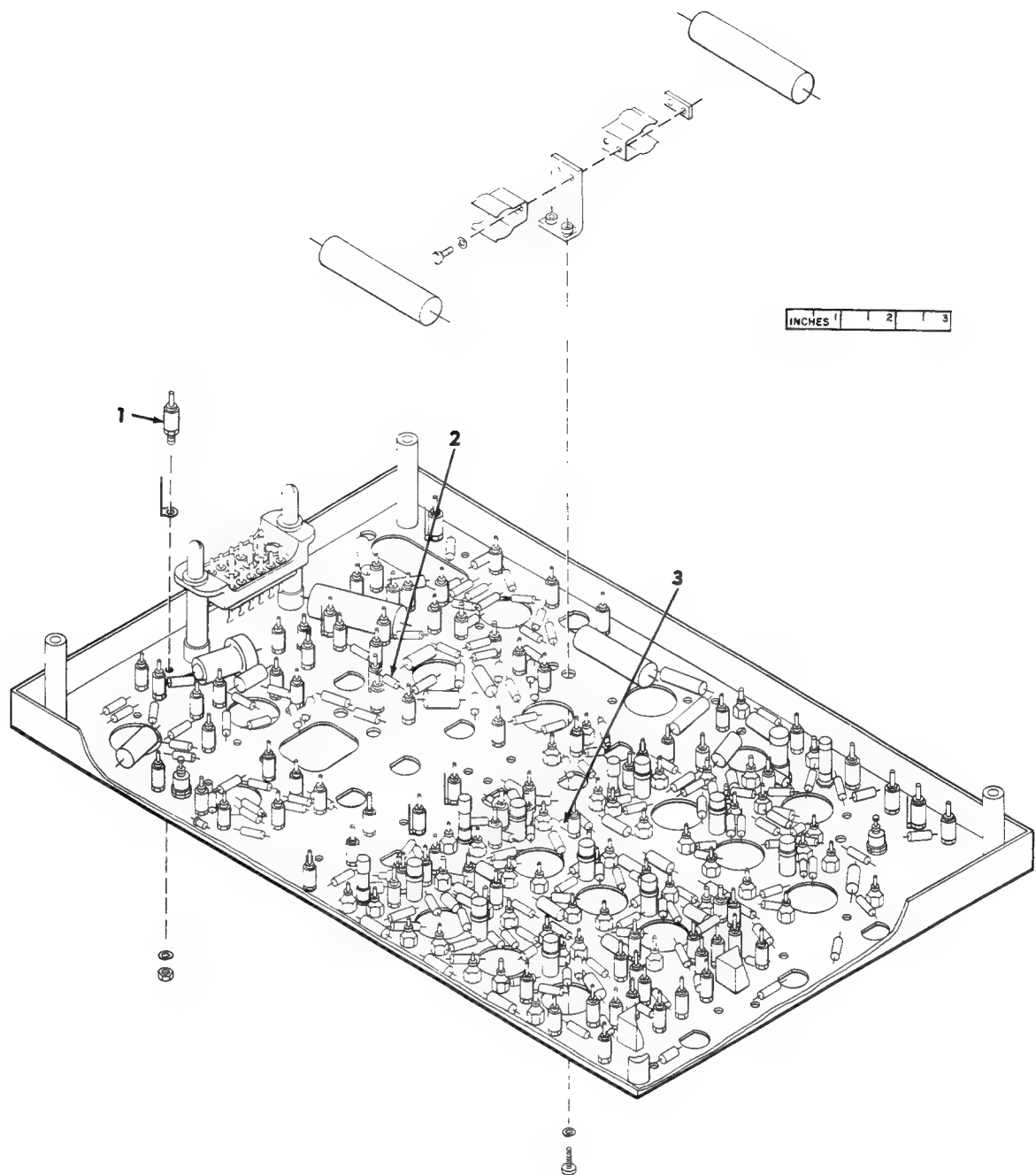
Figure 20-1. Amplifier-detector (9009562)- partial exploded view



ORD G284281

1 CONNECTOR MS-27035-6258

Figure 207. Amplifier-detector (9009562)—partial exploded view

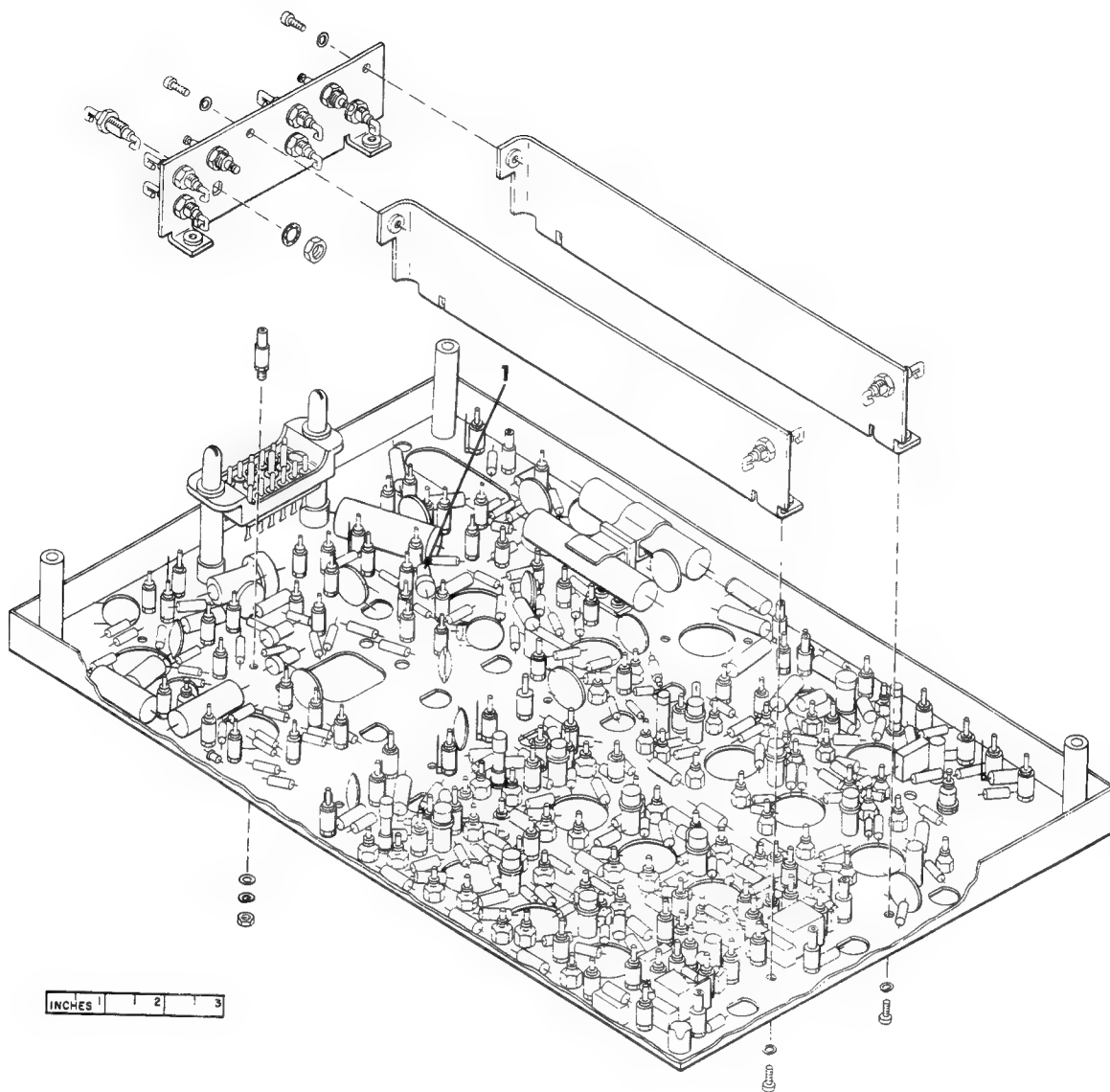


ORD G284283

- 1 TERMINAL 7598949
- 2 SEMICONDUCTOR DEVICE  
1N198
- 3 FILTER 8009590

Figure 210. Amplifier-detector (9009562)—partial exploded view

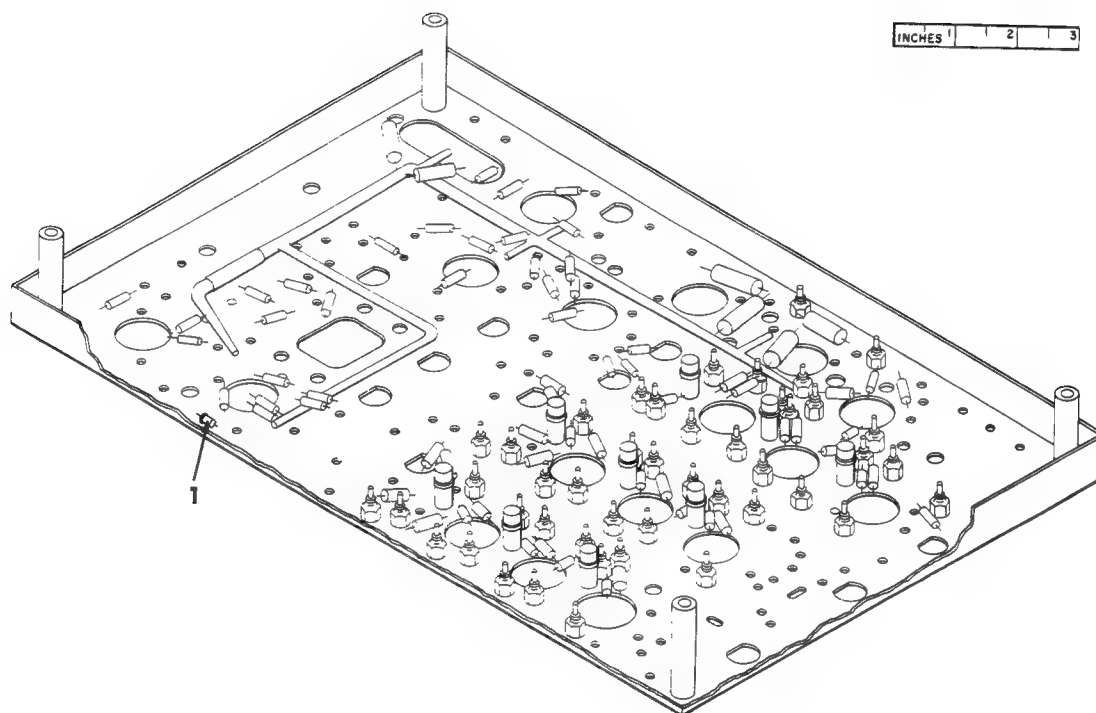




ORD G260026

1 CAPACITOR 302343.

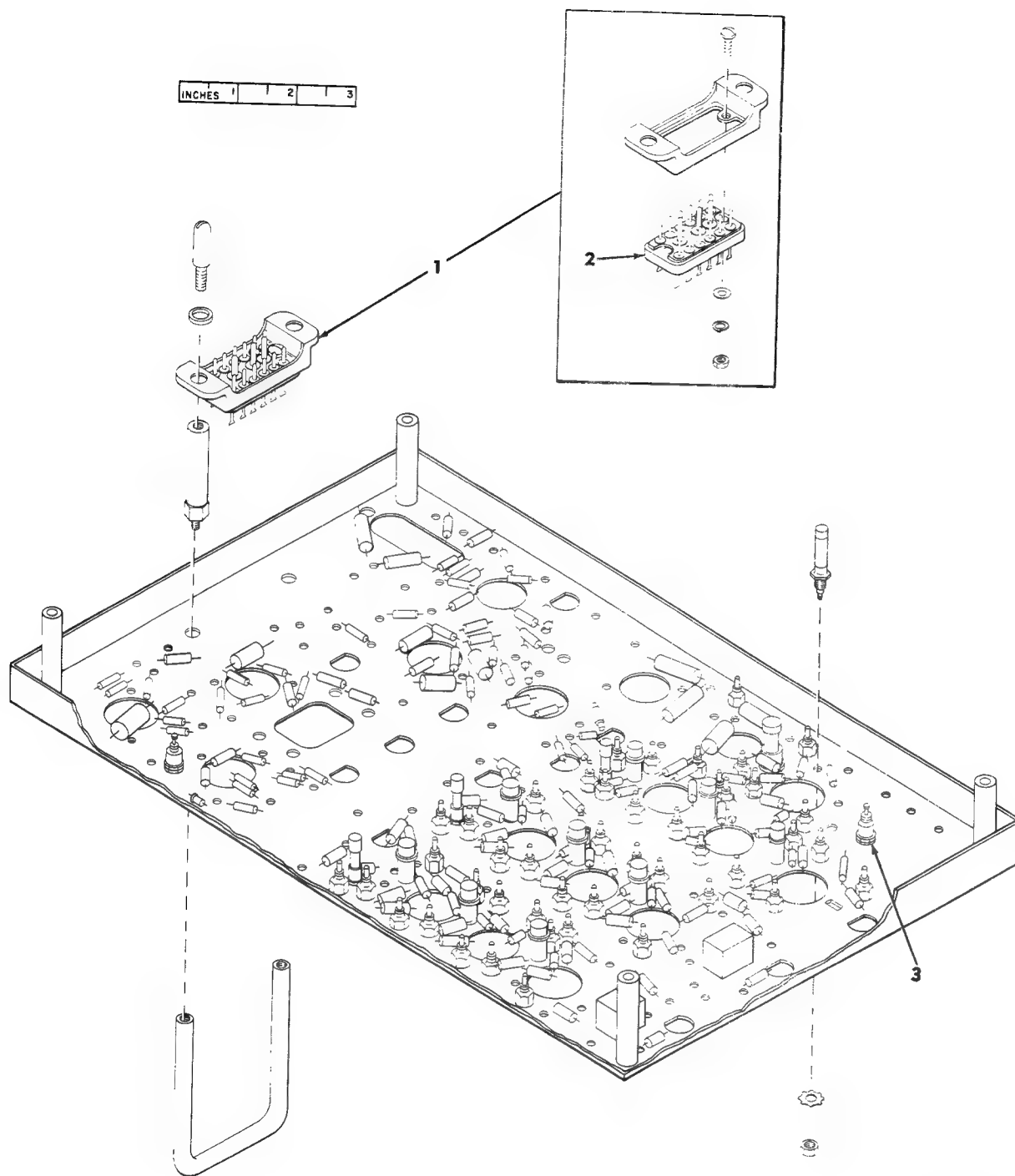
Figure 209. Amplifier-detector (9009562)—partial exploded view



ORD G260029

1 SEMICONDUCTOR DEVICE  
9137420

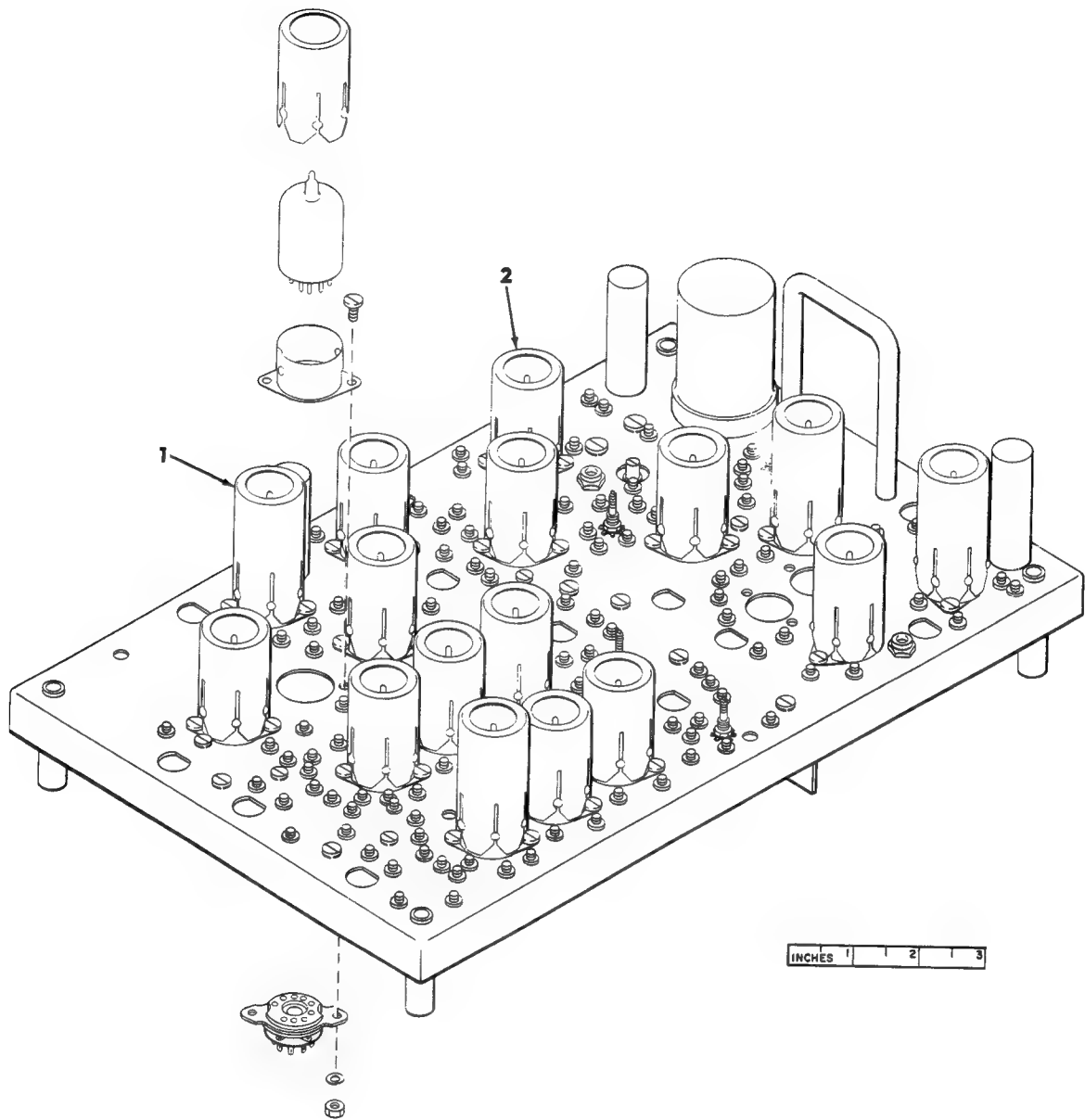
Figure 212. Amplifier-detector (9009562)—partial exploded view



- 1 CONNECTOR 7598051
- 2 CONNECTOR 7598934
- 3 JACK 8175214

ORD G284284

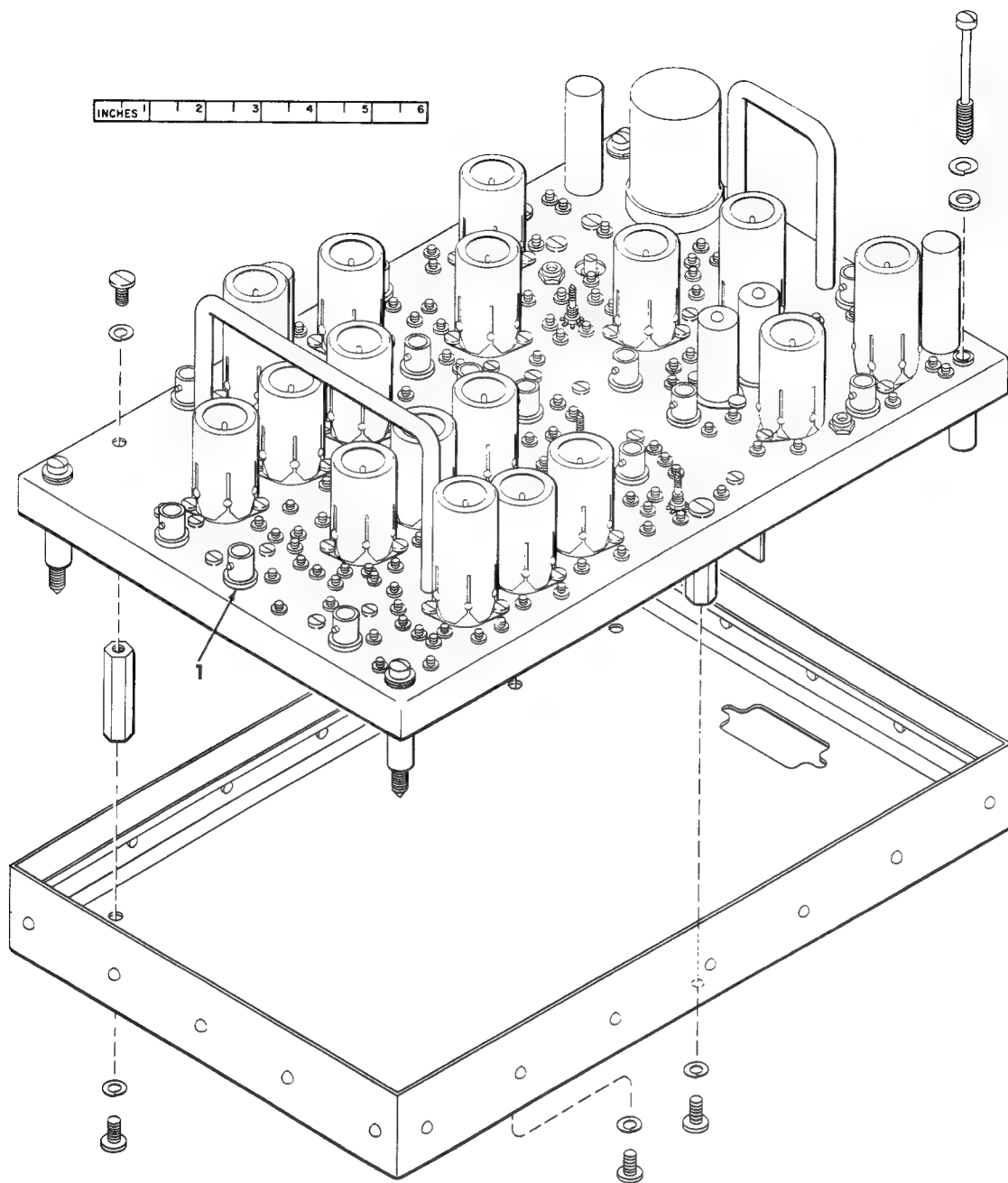
Figure 211. Amplifier-detector (9009562)—partial exploded view



ORD G284286

- 1 ELECTRON TUBE 5687WA
- 2 ELECTRON TUBE 5670

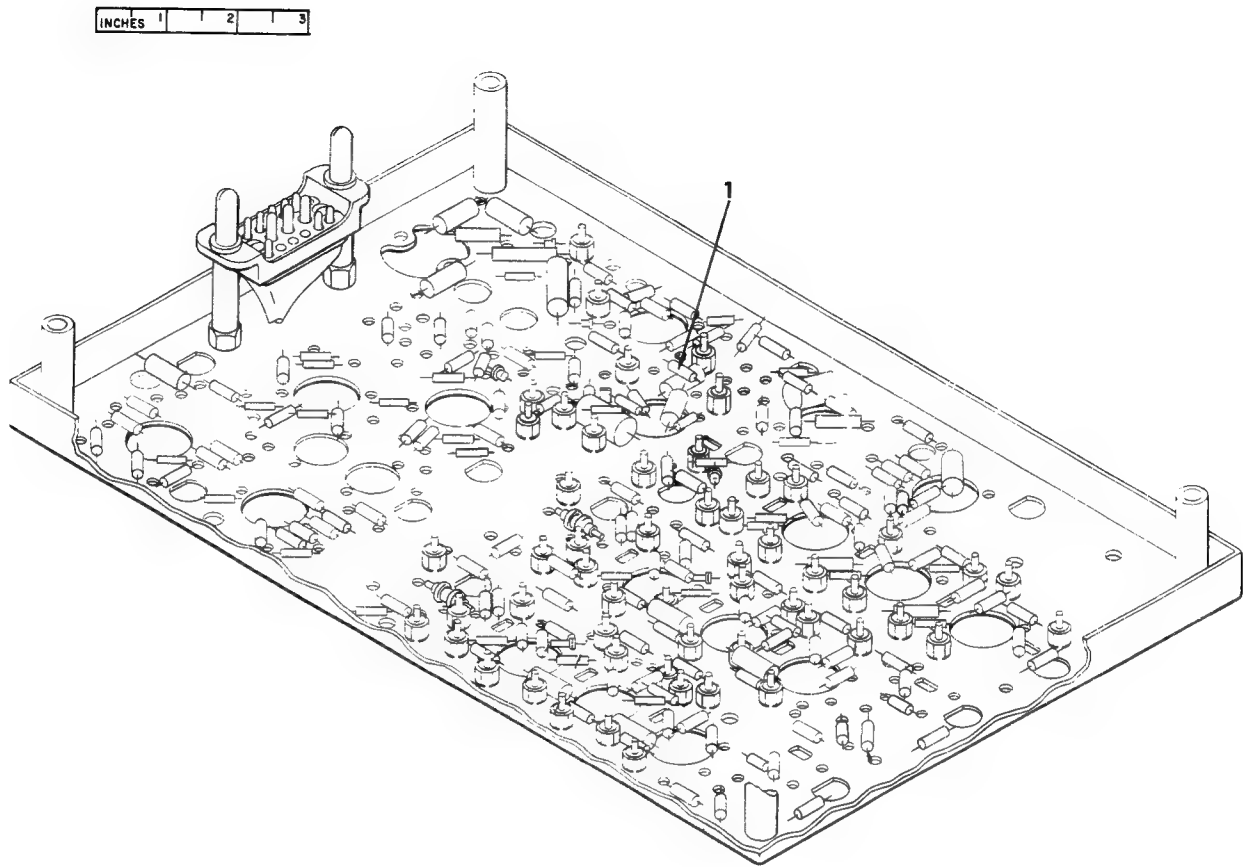
Figure 214. Amplifier-detector (9997999)—partial exploded view



ORD G284285

1 CONNECTOR MS-27035-625B

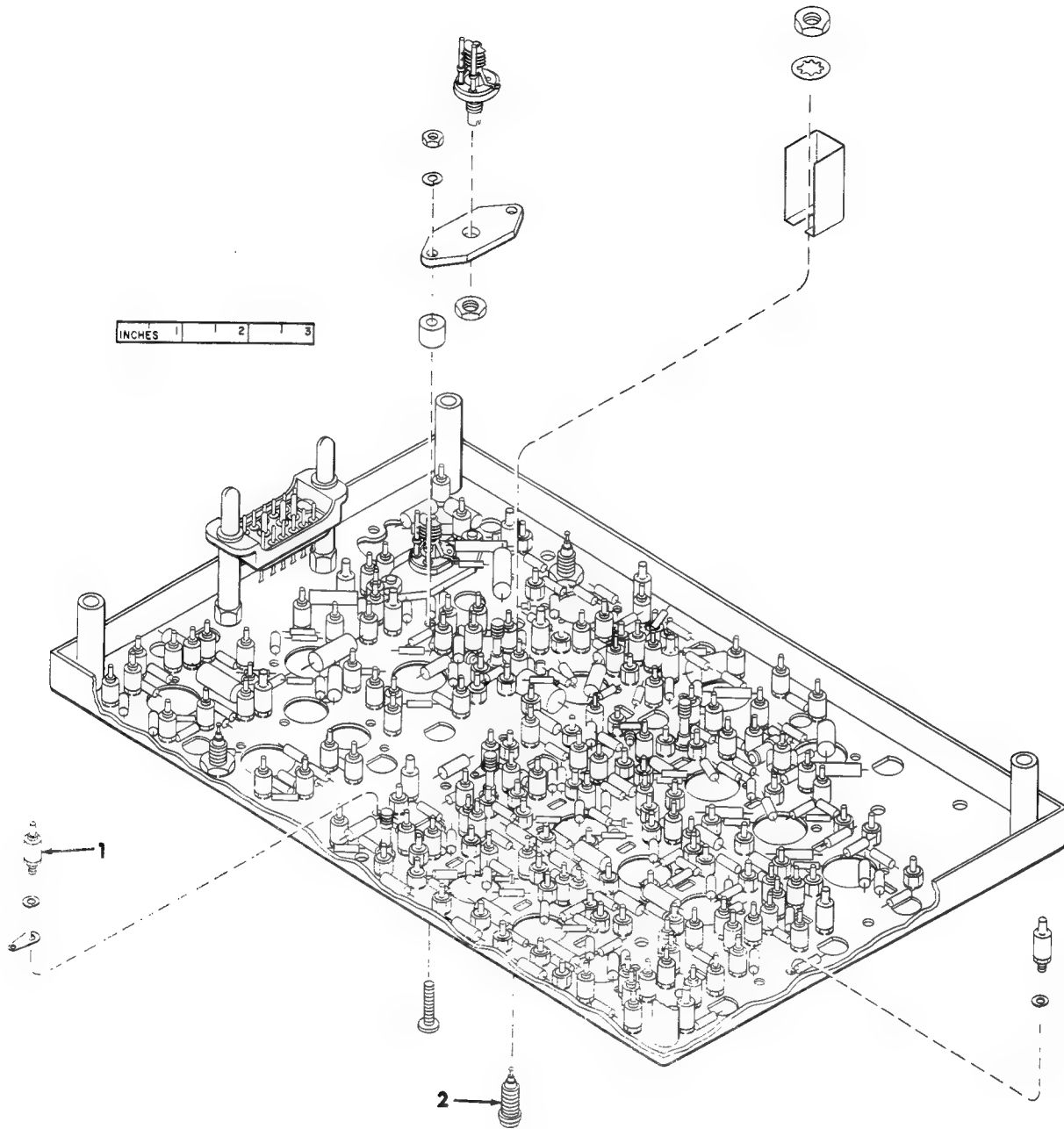
Figure 213. Amplifier-detector (9997999)—partial exploded view



ORD G284288

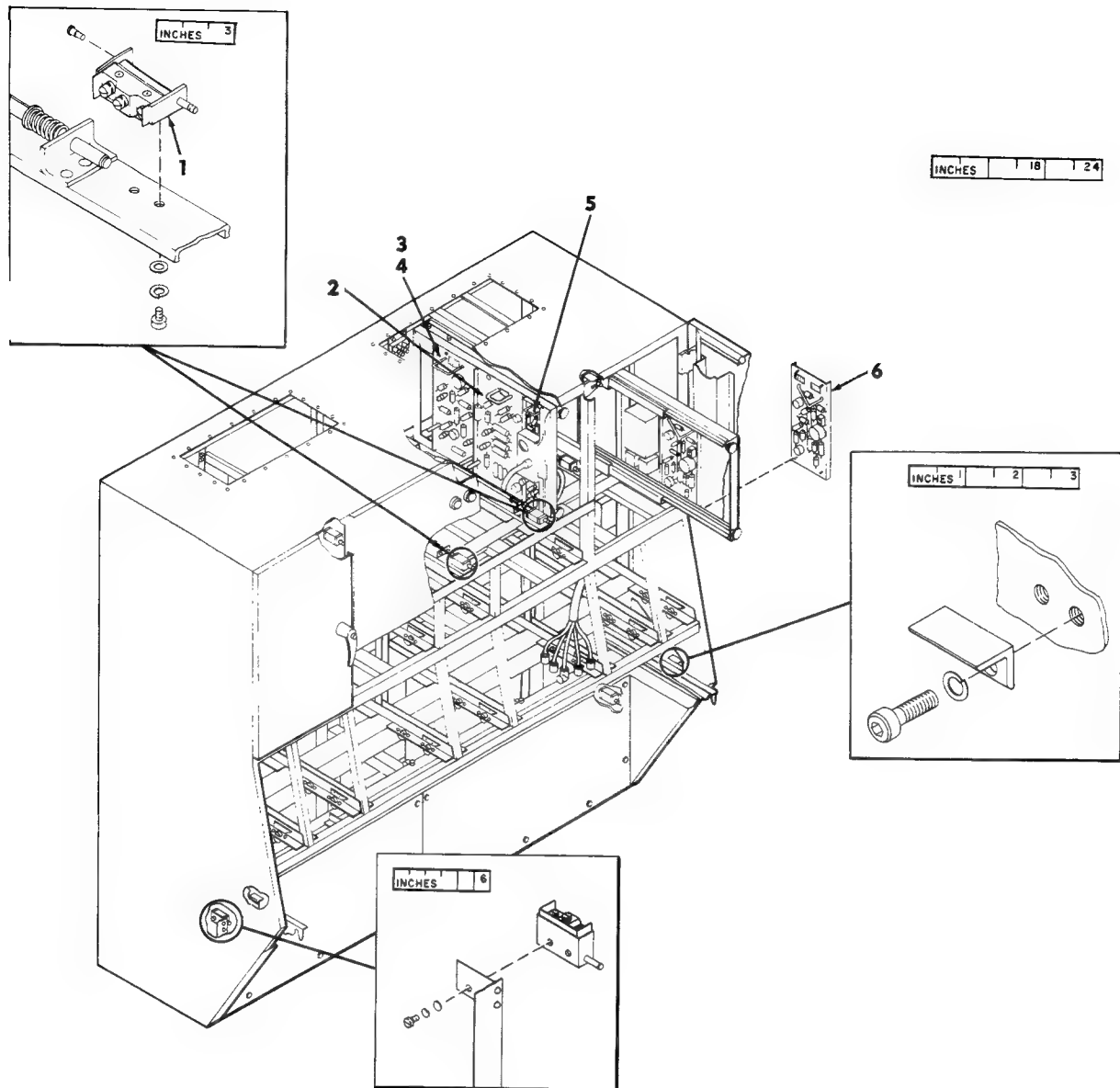
1 FILTER 8009590

Figure 216. Amplifier-detector (9997999)—partial exploded view



- 1 TERMINAL 7598949
- 2 JACK 8134425

Figure 215. Amplifier-detector (9997999)—partial exploded view

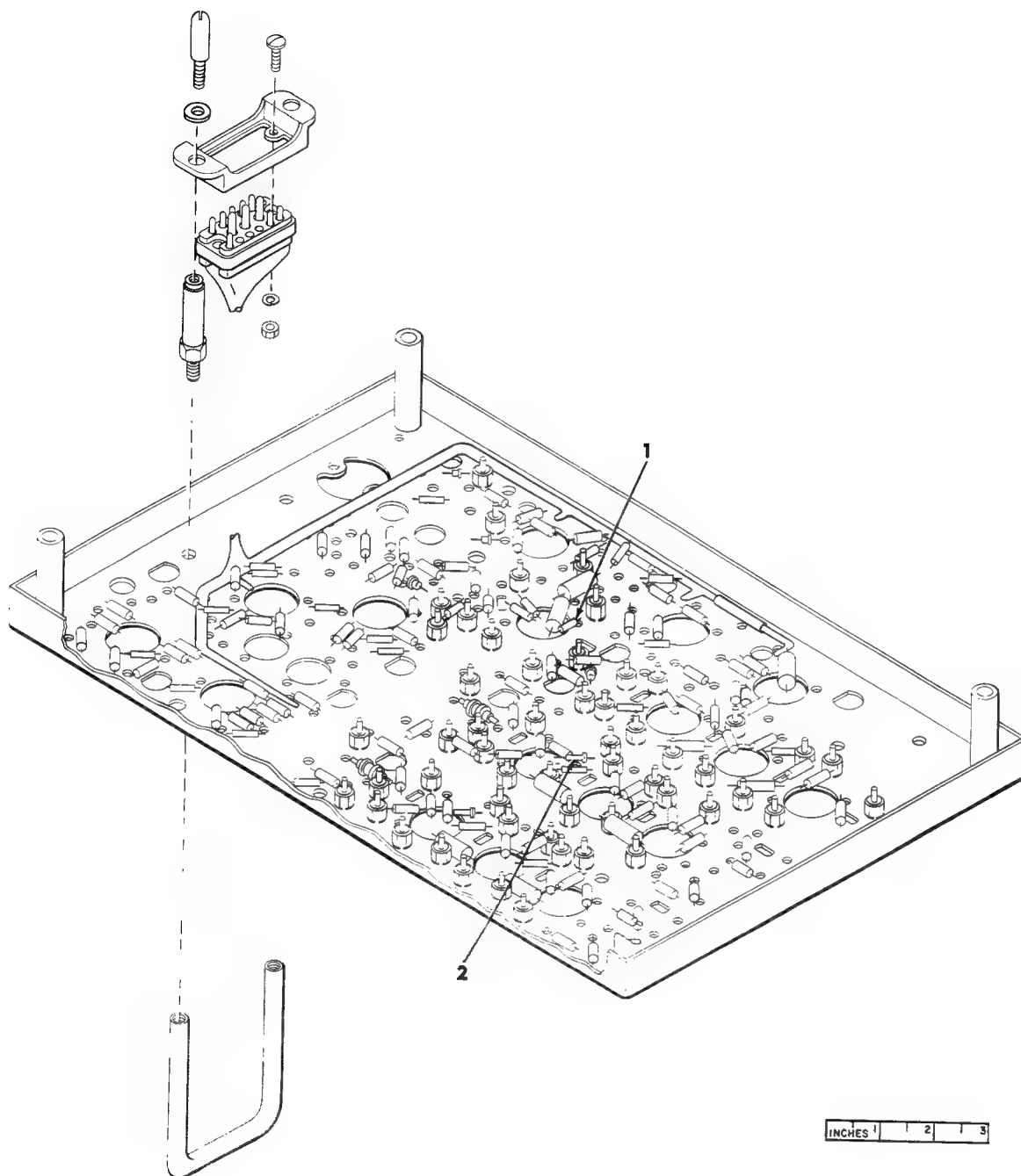


ORD G284290

- 1 SWITCH 7602749
- 2 AMPLIFIER 9986339
- 3 SYNCHRONIZER 9144786
- 4 SYNCHRONIZER 9989392
- 5 ADAPTER 8520413
- 6 AMPLIFIER 9006949

Figure 218. Console, radar control (9143789)—partial exploded view

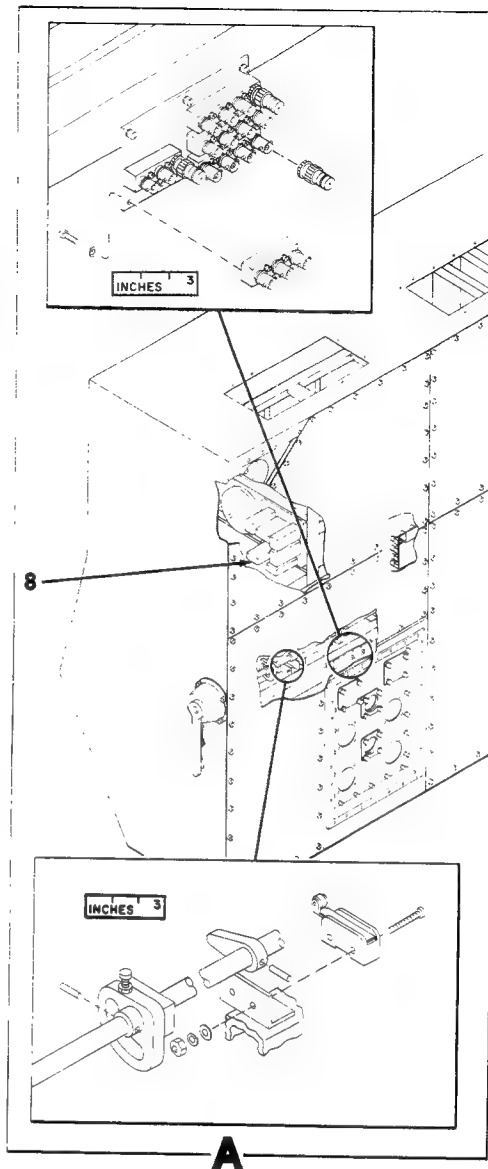




ORD G284289

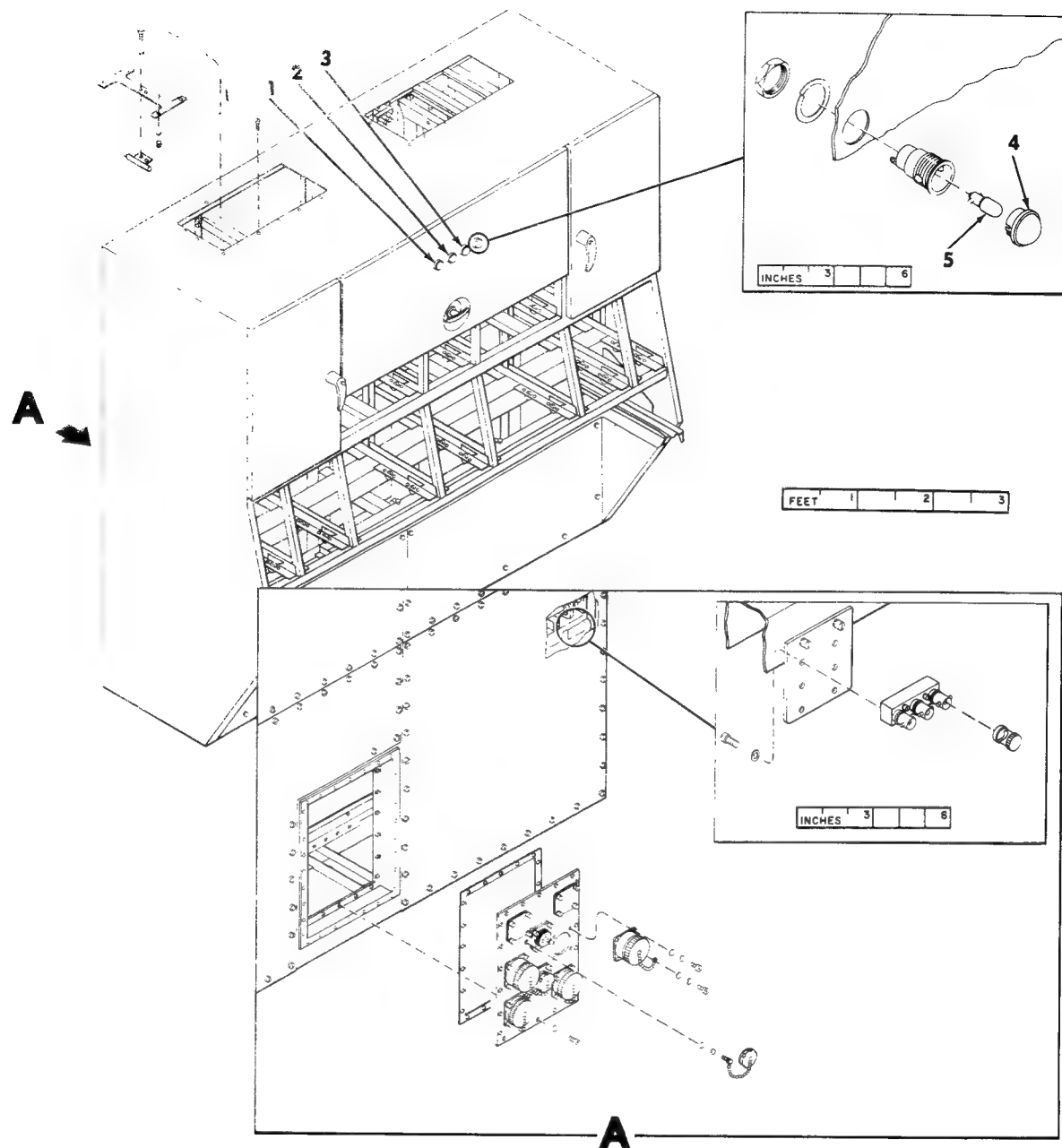
- 1 FILTER 8009590
- 2 SEMICONDUCTOR DEVICE  
9137420

Figure 217. Amplifier-detector (9997999)—partial exploded view



1 POWER SUPPLY 9986424  
2 GENERATOR 9144785  
3 AMPLIFIER 9145772  
4 GENERATOR 9007682  
5 GENERATOR 9145780  
6 SYNCHRO ASSEMBLY 9995973  
7 DETECTOR 9144784  
8 TELEPHONE SET 8010134

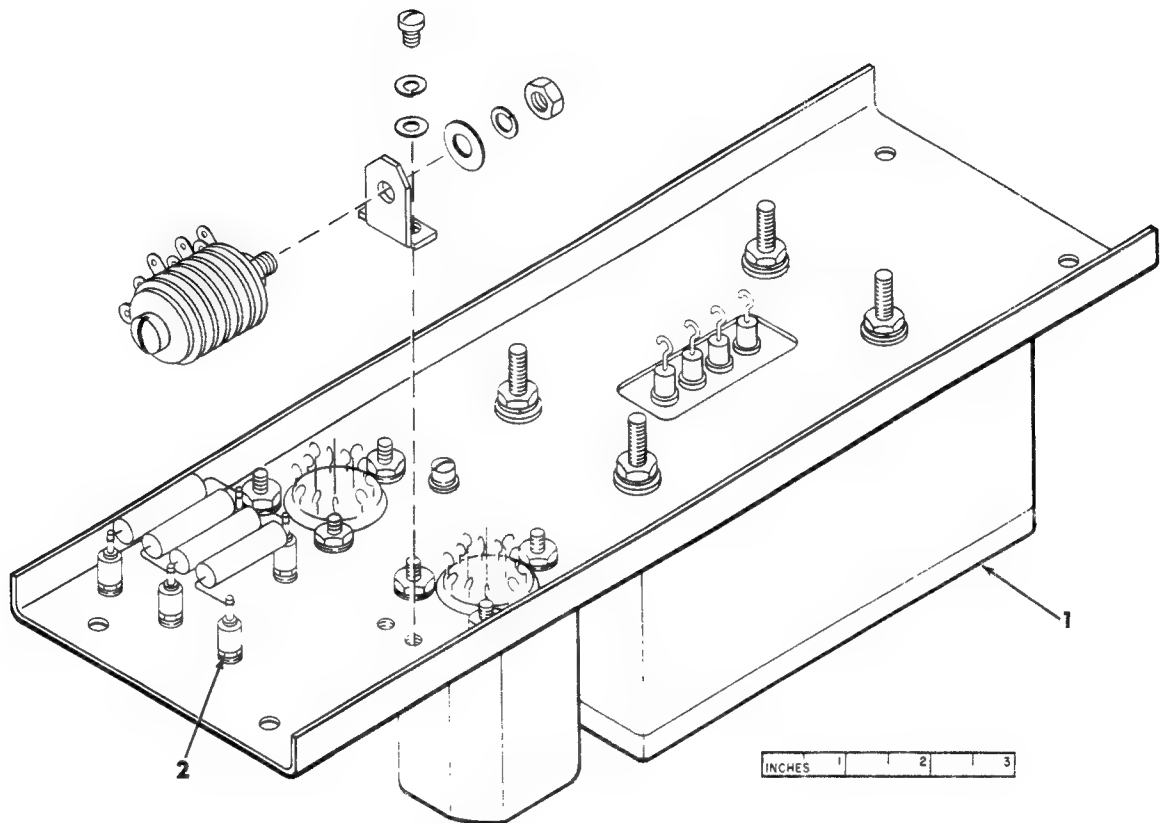
219



- 1 LENS 8175630
- 2 LENS 8175631
- 3 LENS 8175445
- 4 LENS 7599998
- 5 LAMP MS-25231-1819

ORD G284291

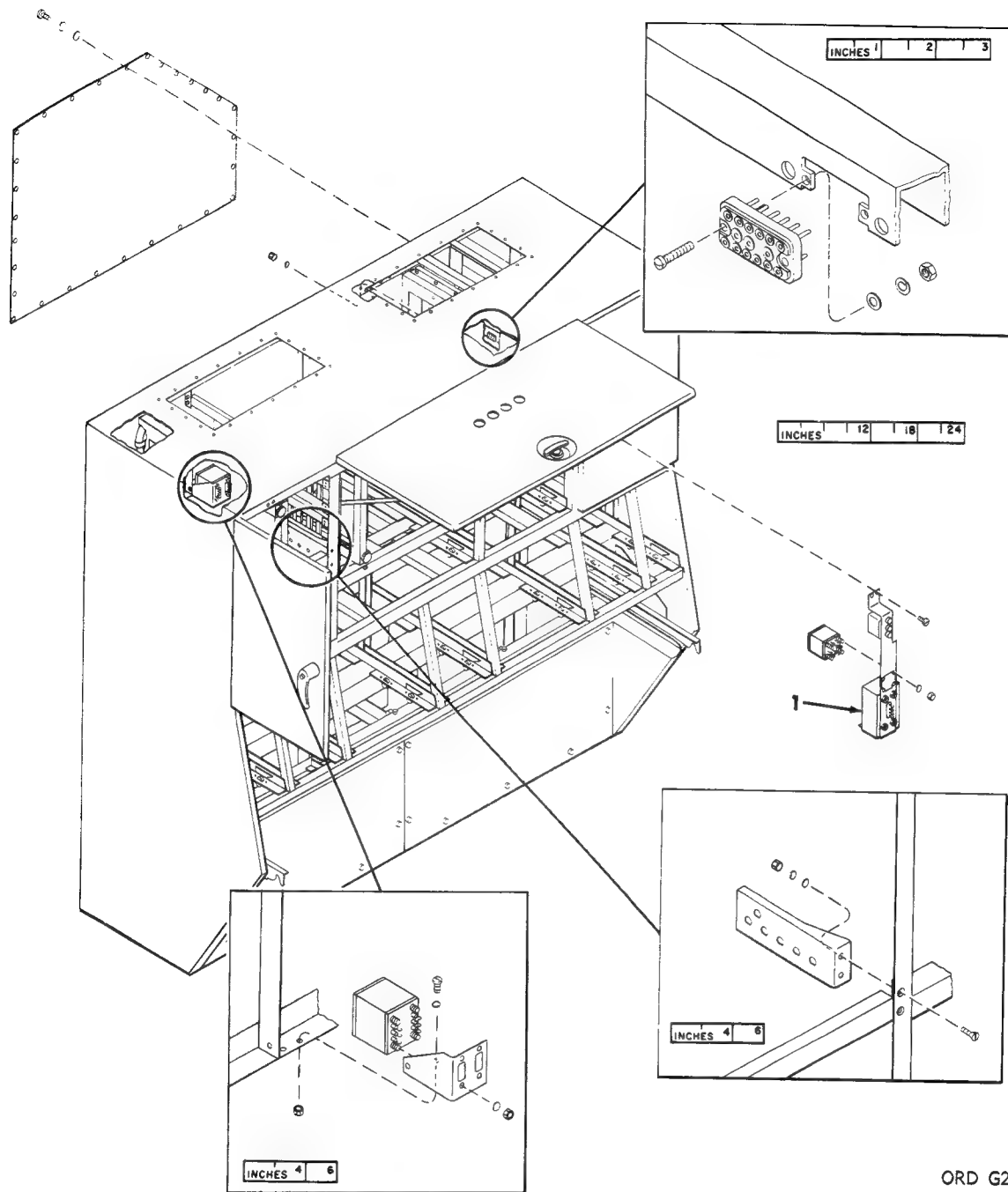
Figure 219. Console, radar control (9143789)—partial exploded view



ORD G284294

- 1 REGULATOR 8015382
- 2 TERMINAL 7598949

Figure 222. Regulator (8012233)—exploded view



ORD G284293

1 REGULATOR 8015382

Figure 221. Console, radar control (9143789)—partial exploded view

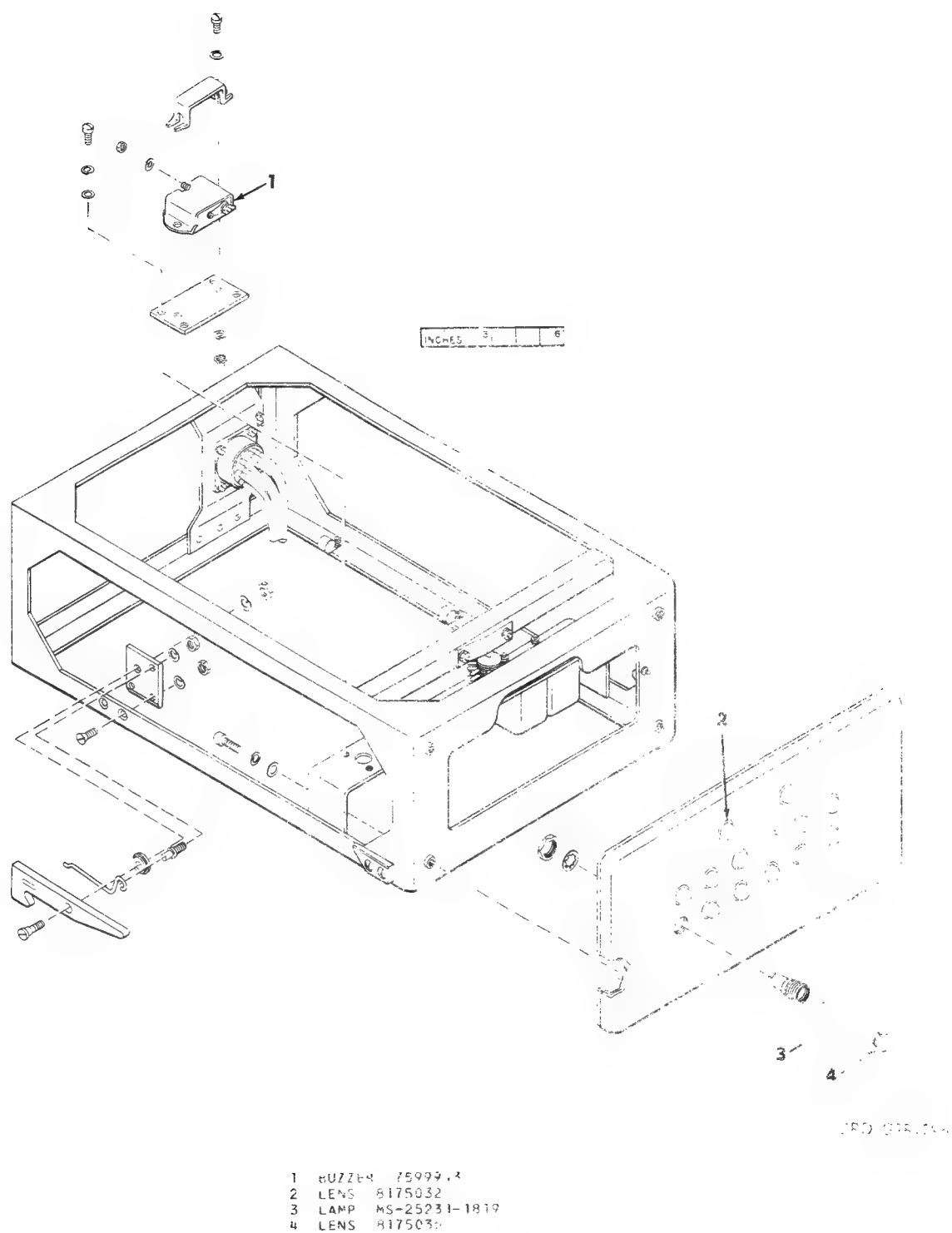
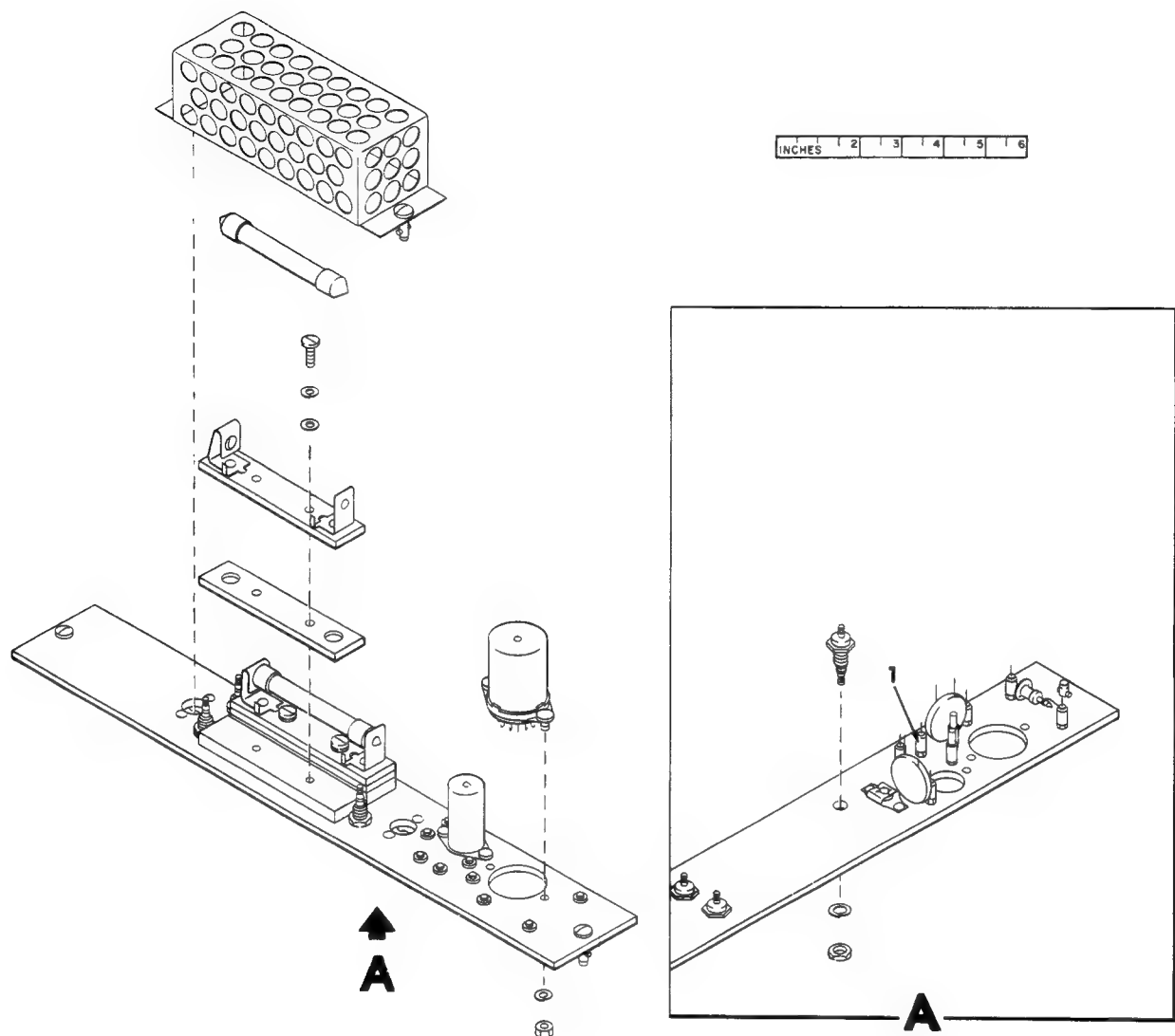


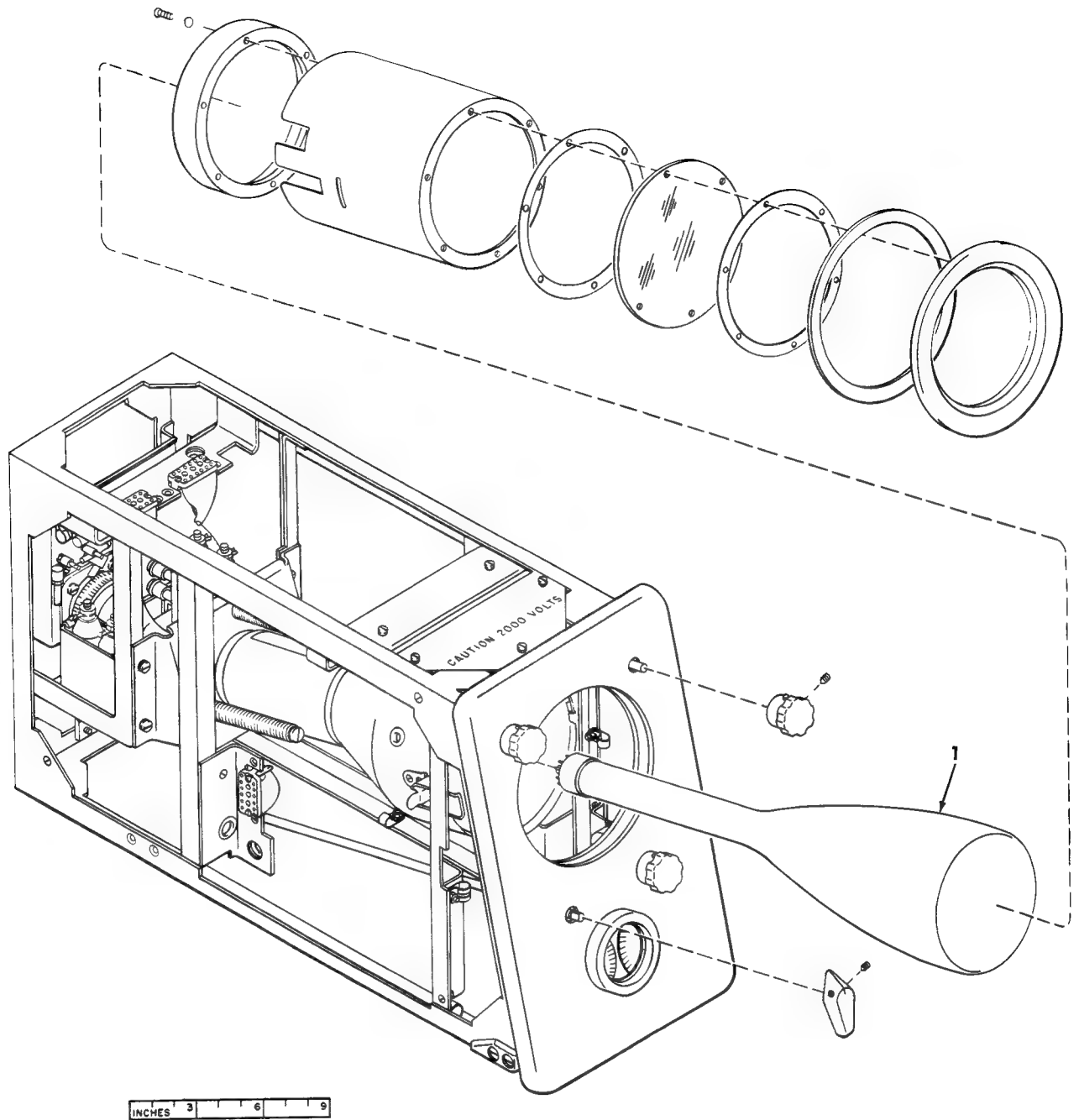
Figure 224. Display panel, missile battery 91457520—exploded view



ORD G284295

1 TERMINAL 7592949

Figure 223. Panel (9145898)—exploded view

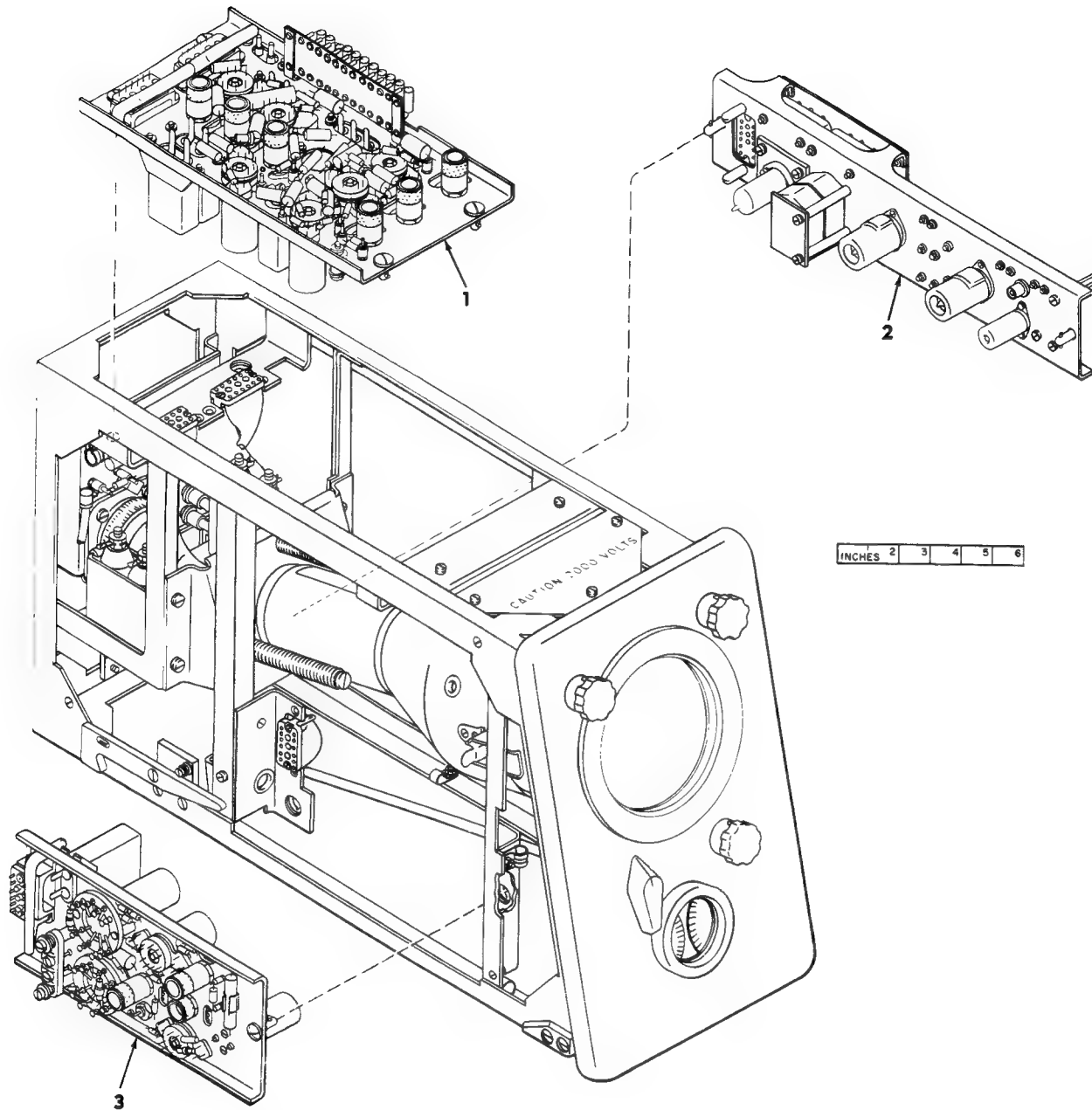


ORD G78687

1 ELECTRON TUBE 5ADP1

Figure 226. Indicator, range (9139121)—partial exploded view

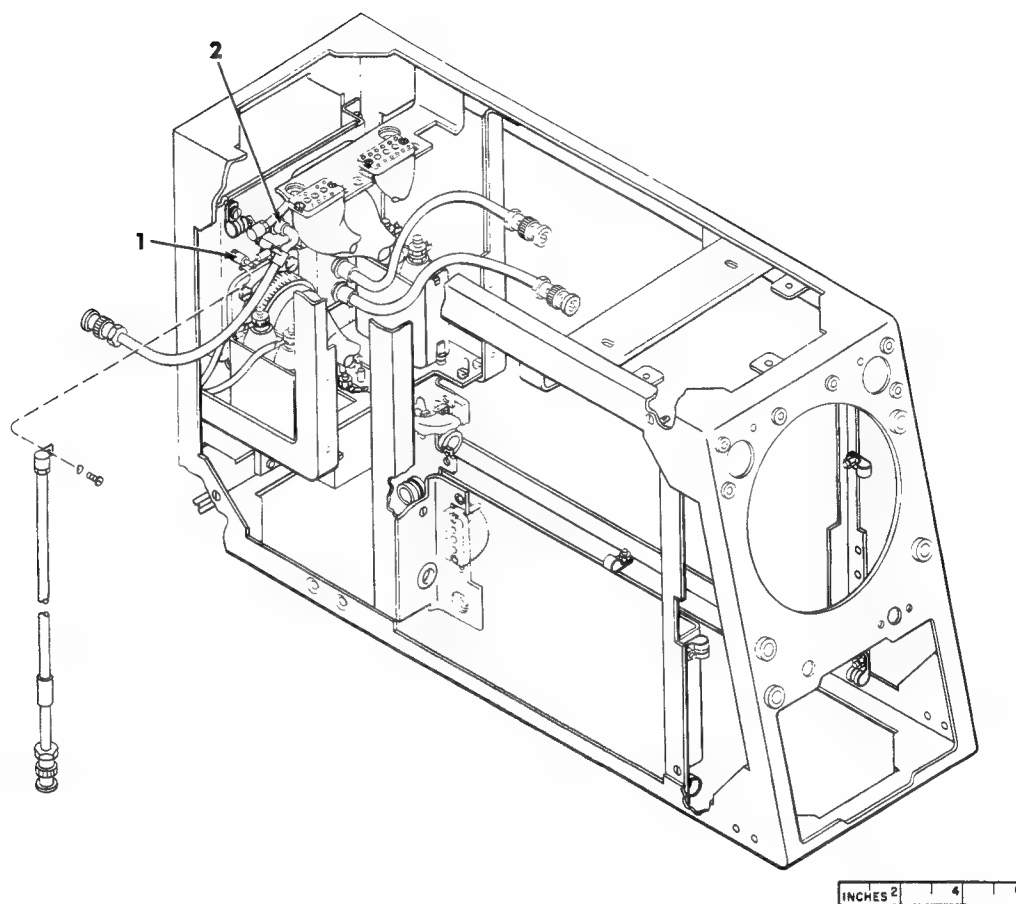




ORD G78686

- 1 GENERATOR 9143848
- 2 AMPLIFIER 9156065
- 3 AMPLIFIER 9136917

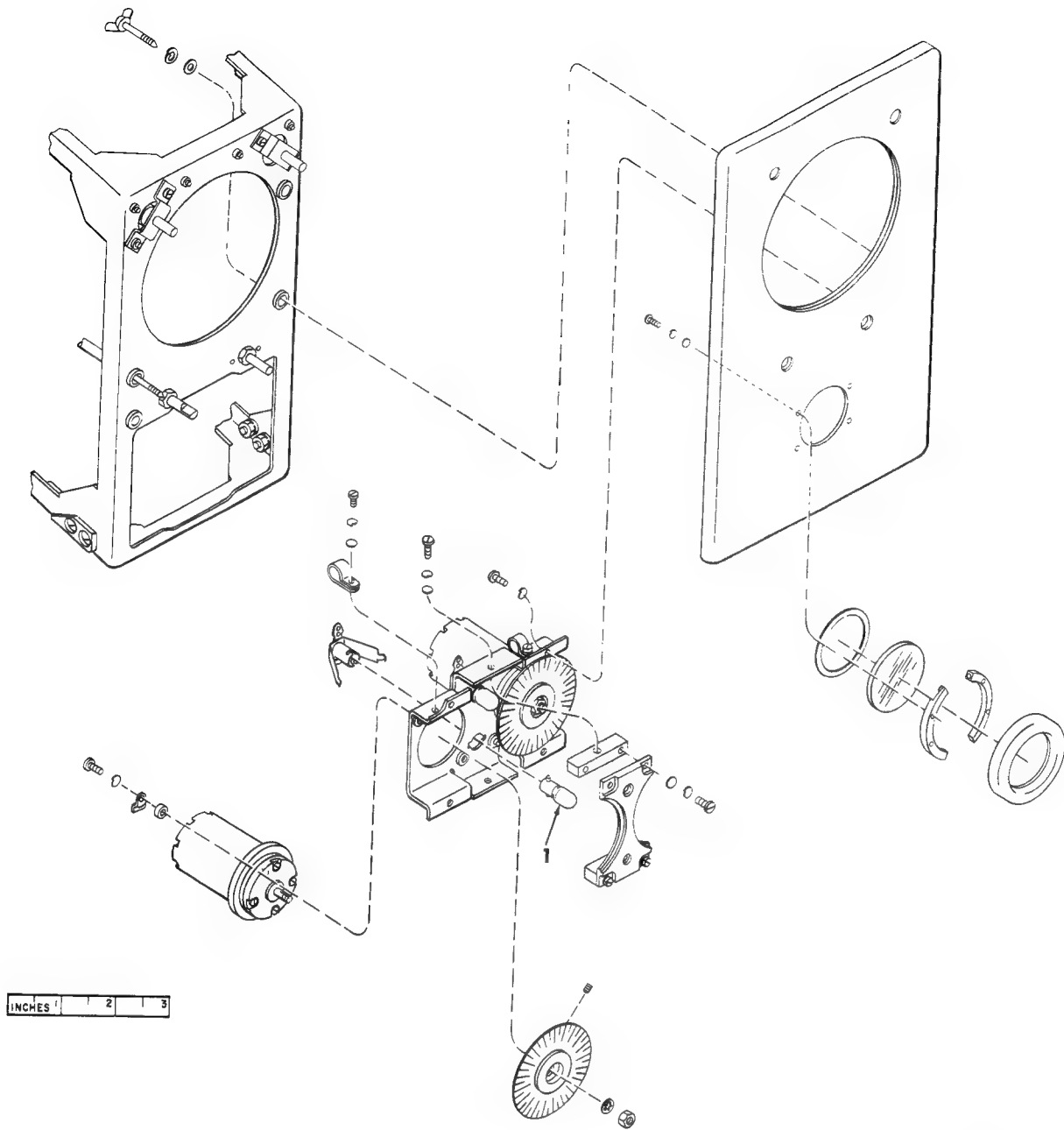
Figure 225. Indicator, range (9139121)--partial exploded view



ORD G284298

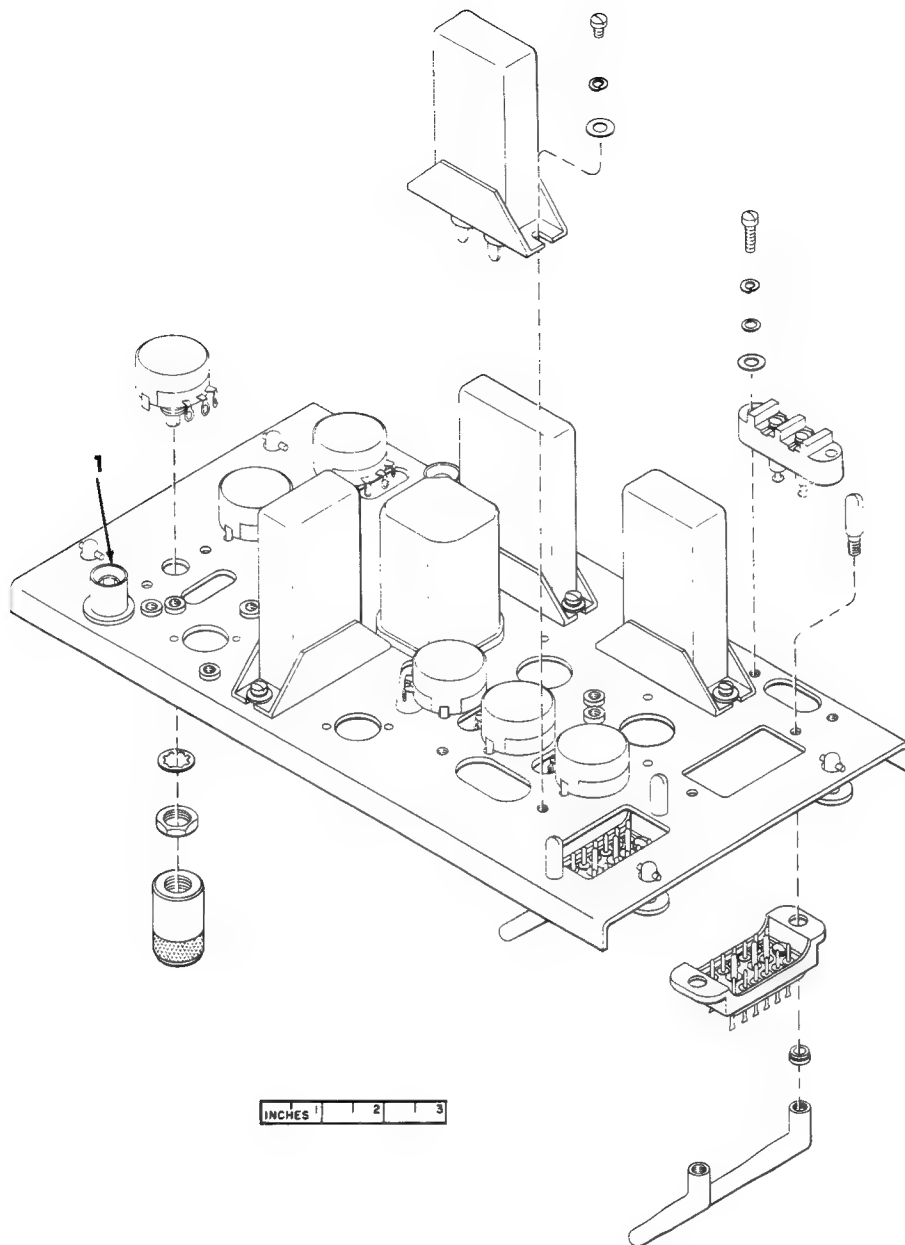
- 1 TERMINAL 7598949
- 2 CONNECTOR MS-27035-625B

Figure 228. Indicator, range (9139121)—partial exploded view



ORD G284297

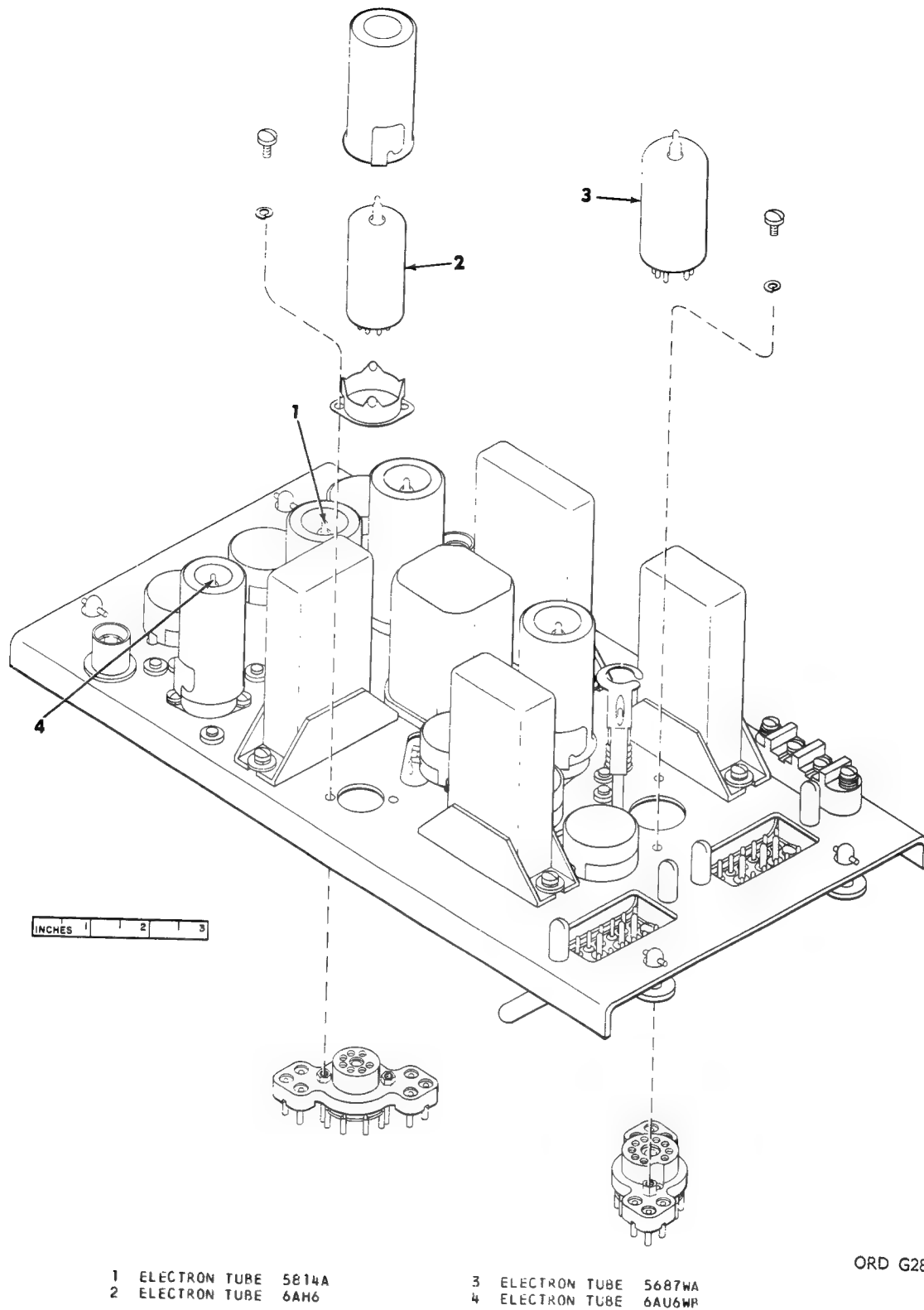
Figure 227. Indicator, range (9139121)—partial exploded view



ORD G284300

1 CONNECTOR MS-27035-625B

Figure 230. Generator (9143848 and 9998462)—partial exploded view



ORD G284299

Figure 229. Generator (9143848 and 9998462)—partial exploded view

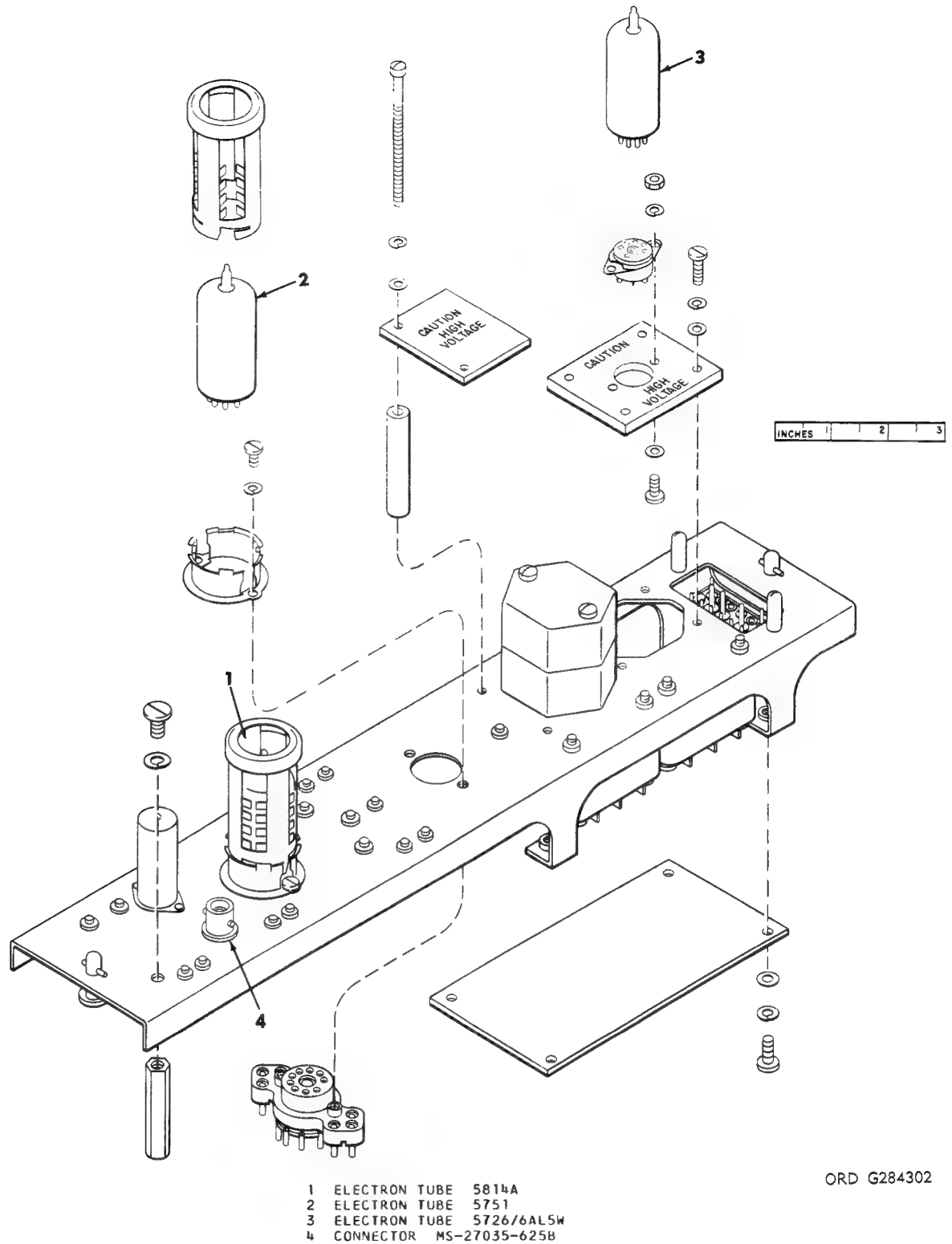
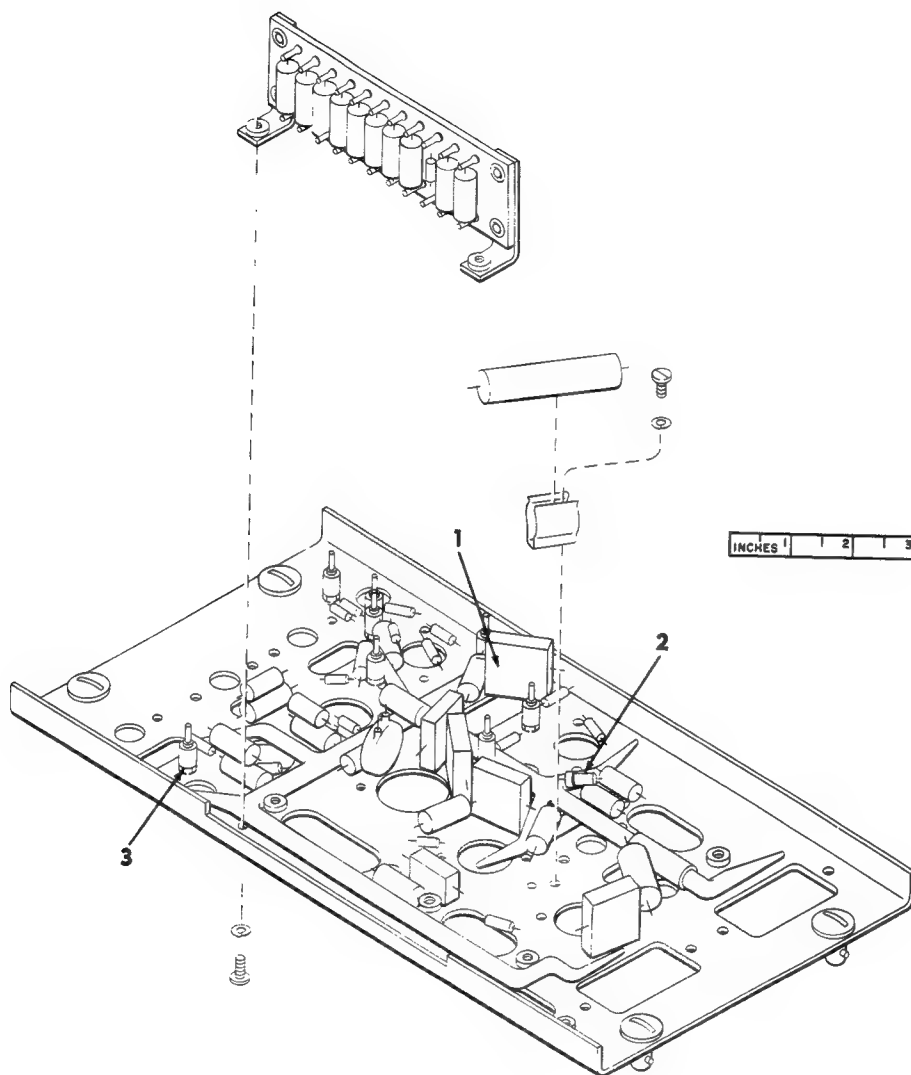


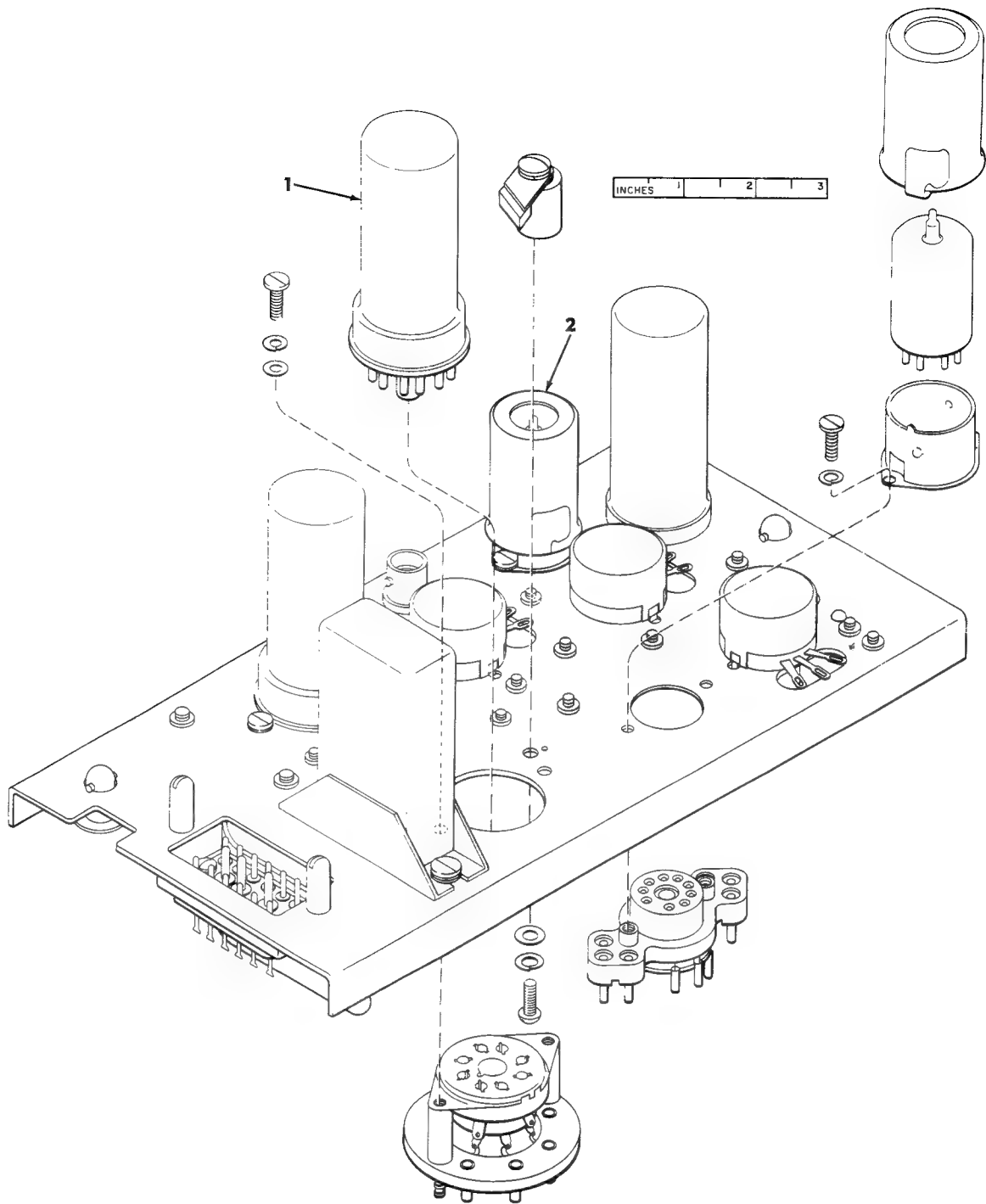
Figure 232. Amplifier, electronic control (9156065)—partial exploded view



ORD G284301

- 1 CAPACITOR CM35E103J
- 2 CAPACITOR 8023439
- 3 TERMINAL 7598949

Figure 231. Generator (9143848 and 9998462)—partial exploded view



- 1 ELECTRON TUBE 6AG7Y
- 2 ELECTRON TUBE 6AH6

ORD G284304

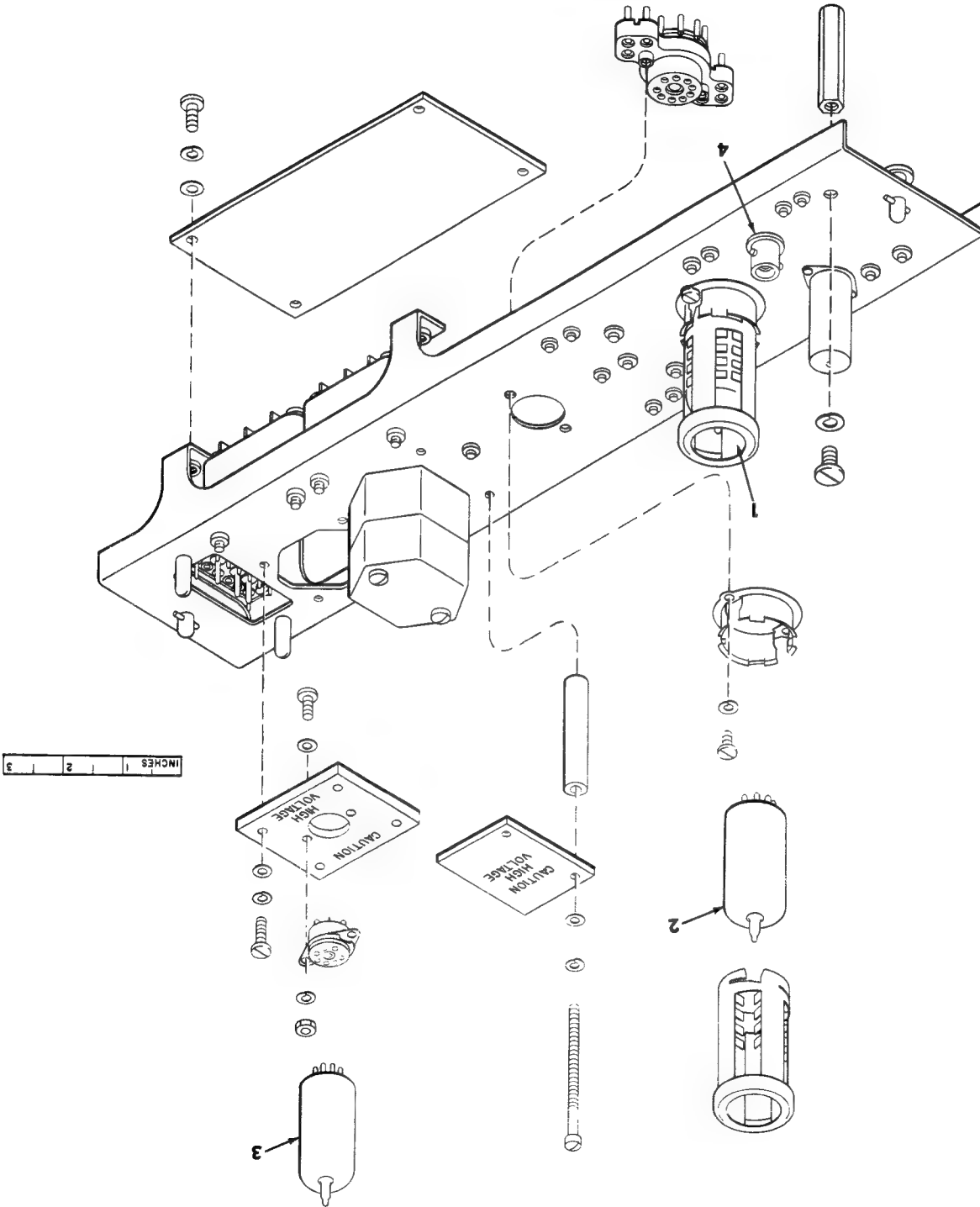
Figure 234. Amplifier, video (9136917)—partial exploded view

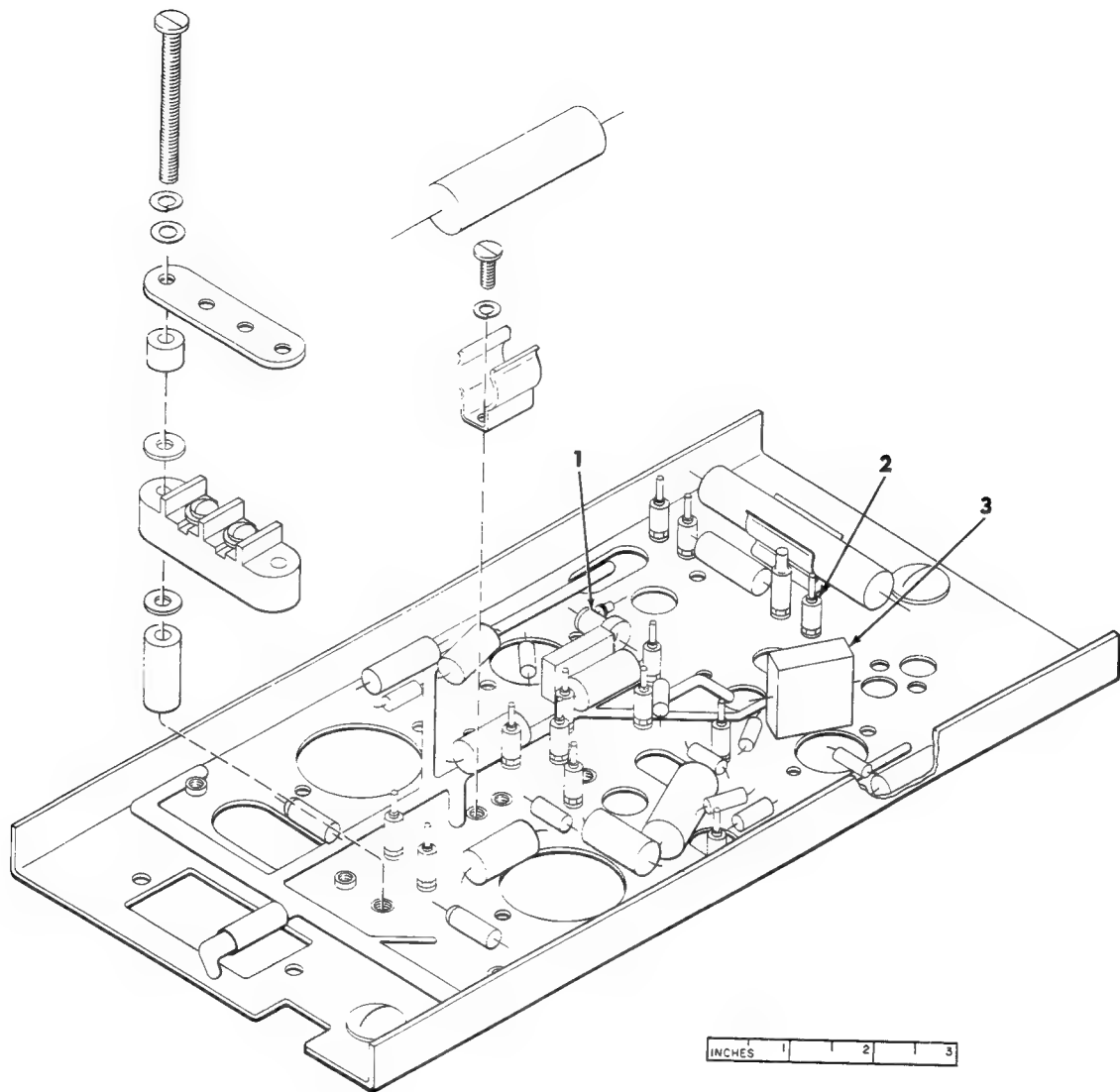


Figure 232. Amplifier, electronic control (9156065)—partial exploded view

- 1 ELECTRON TUBE 5814A
- 2 ELECTRON TUBE 5751
- 3 ELECTRON TUBE 5726/6AL5M
- 4 CONNECTOR MS-27035-625B

ORD G284302

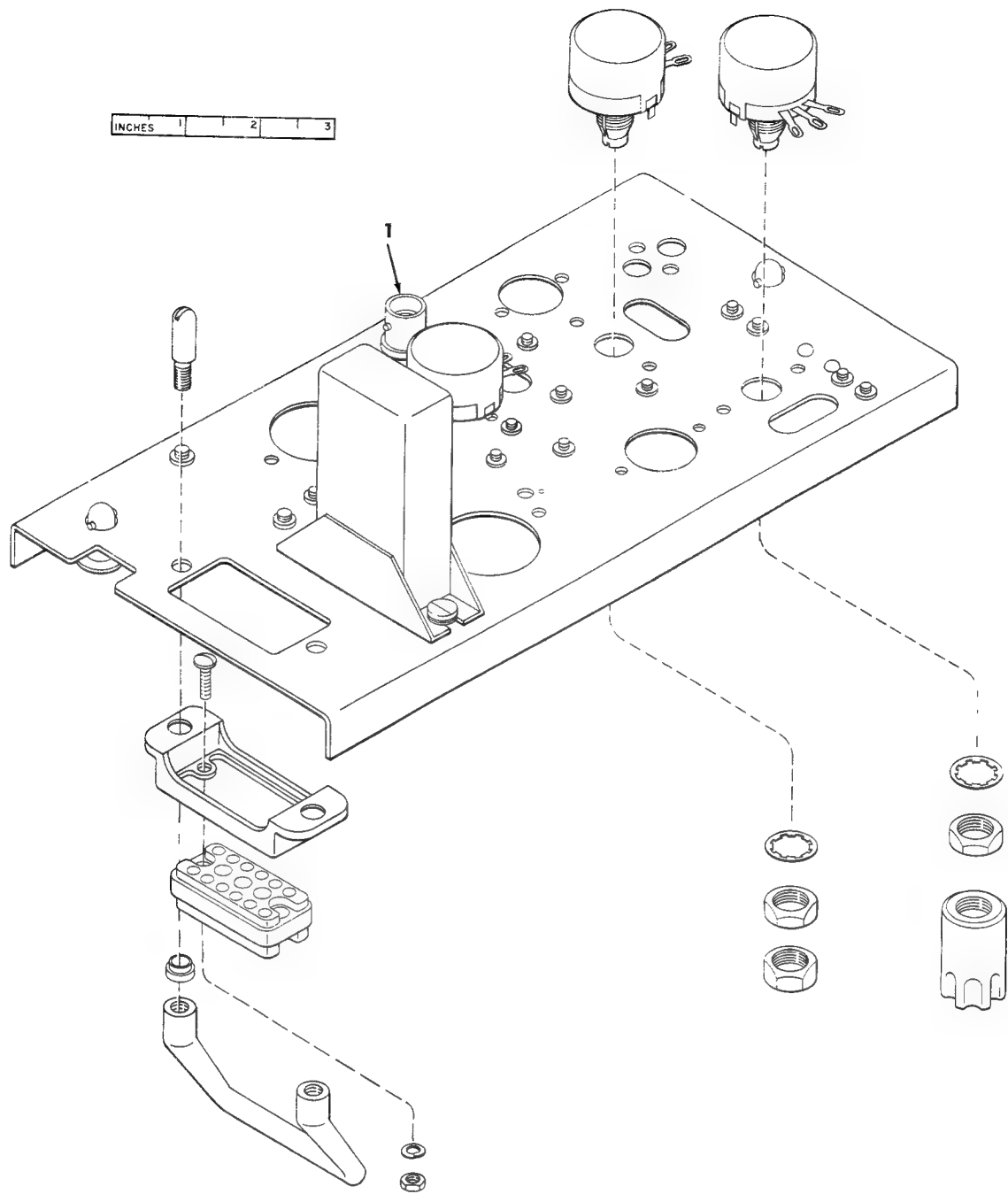




ORD G284306

- 1 CAPACITOR 8023439
- 2 TERMINAL 7598949
- 3 CAPACITOR CM35E103J

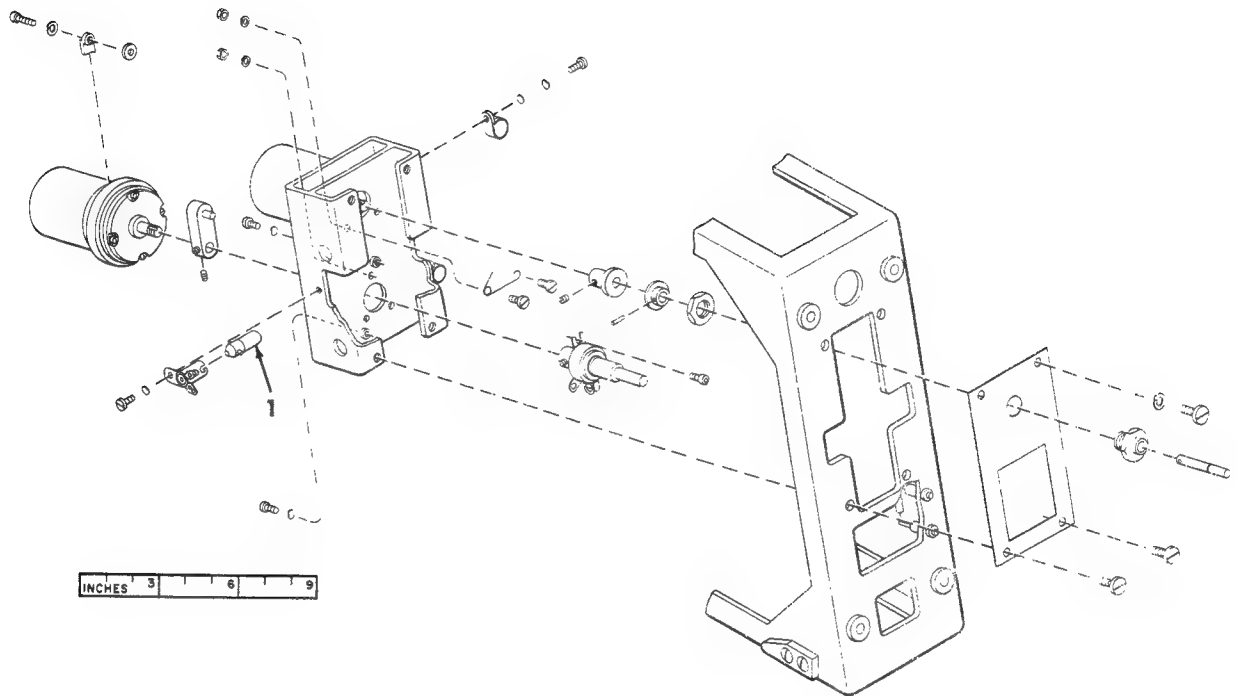
Figure 236. Amplifier, video (9136917)—partial exploded view



ORD G284305

1 CONNECTOR MS-27035-625B

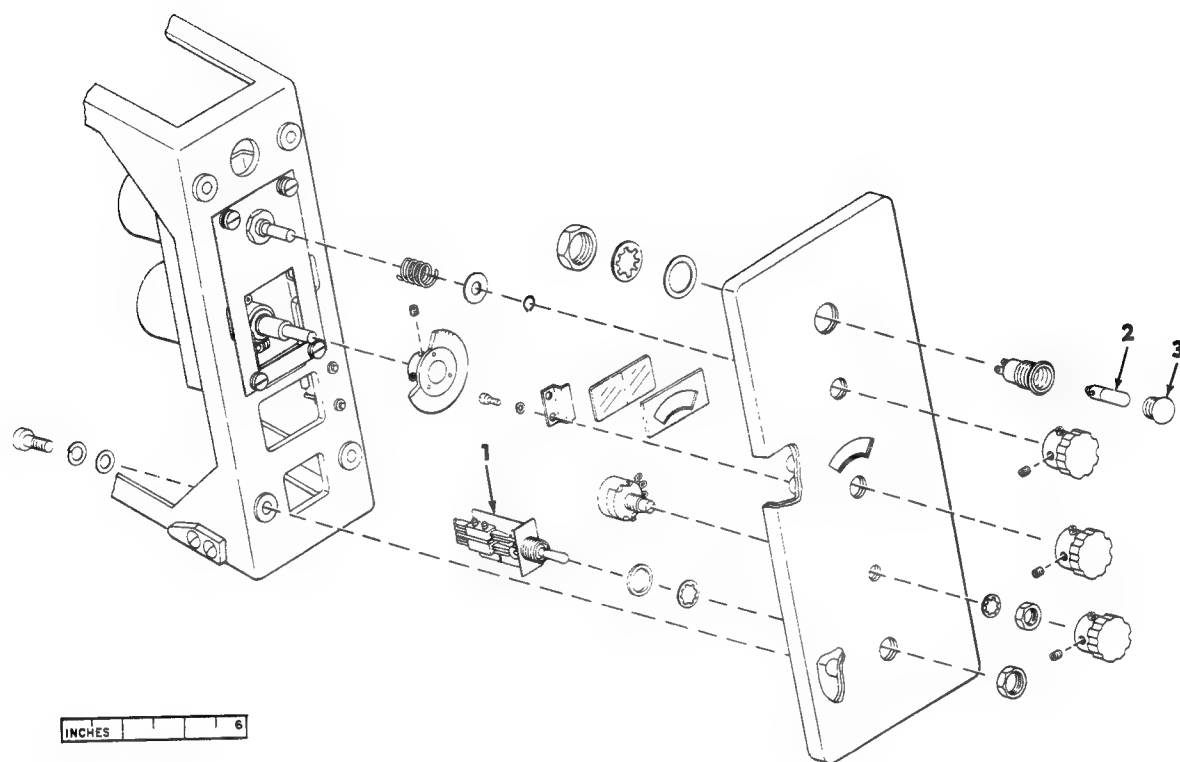
Figure 235. Amplifier, video (9136917)—partial exploded view



ORD G284308

1 LAMP MS-15571-2

Figure 238. Control, radio beacon (9142864)—partial exploded view



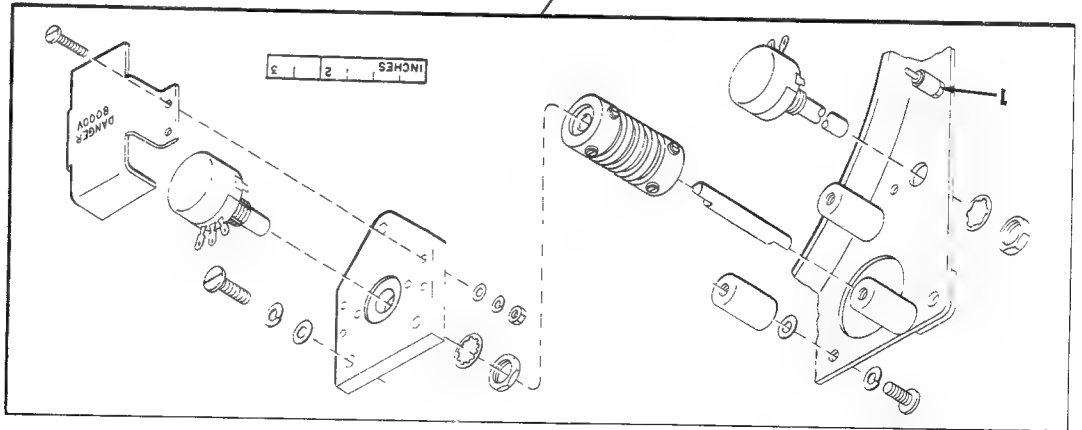
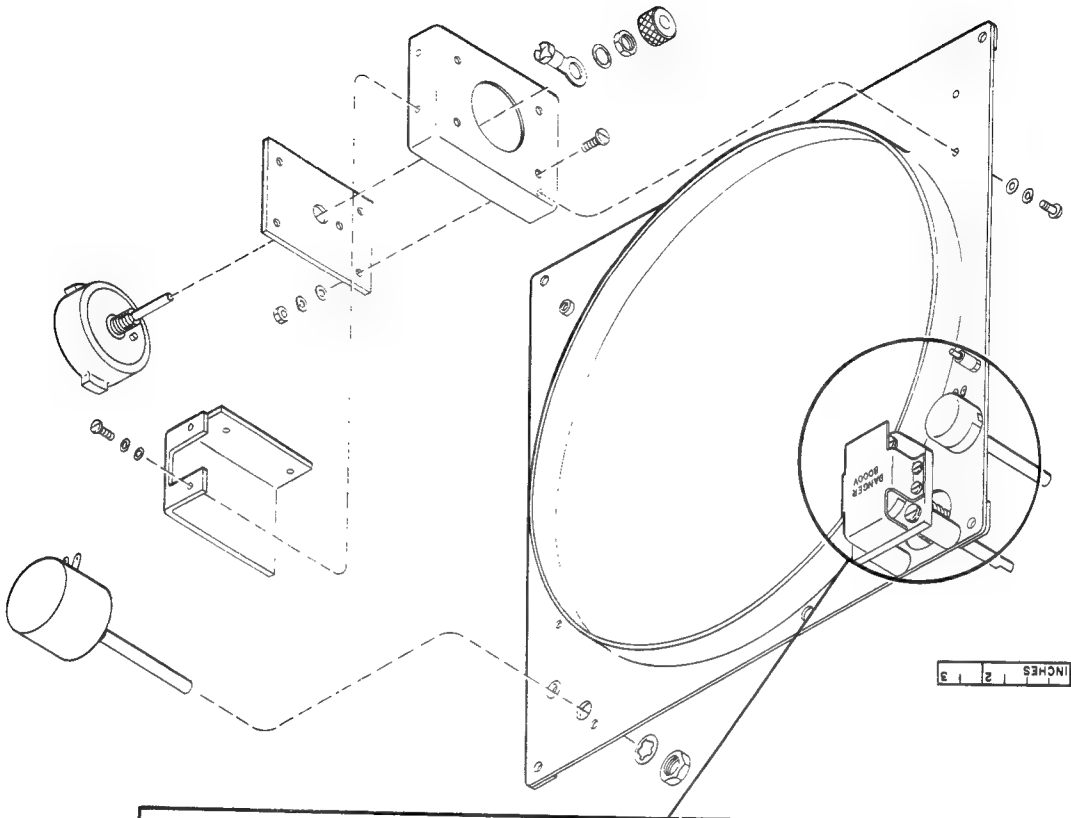
ORD G284307

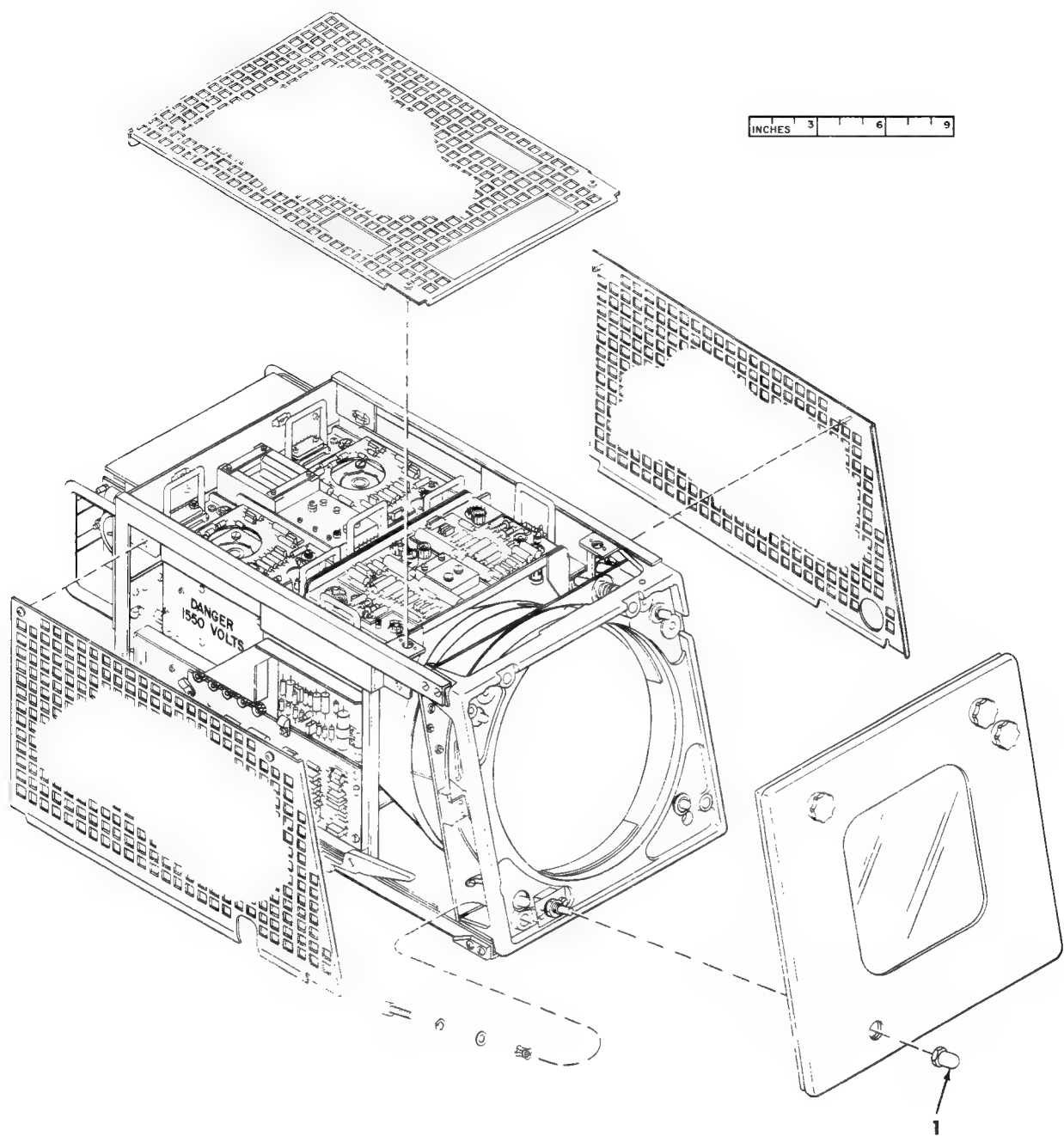
Figure 237. Control, radio beacon (9142864)—partial exploded view

Figure 245. Resistor assembly (9144886)—exploded view

1 TERMINAL 7598949

ORD G260043





ORD G78689

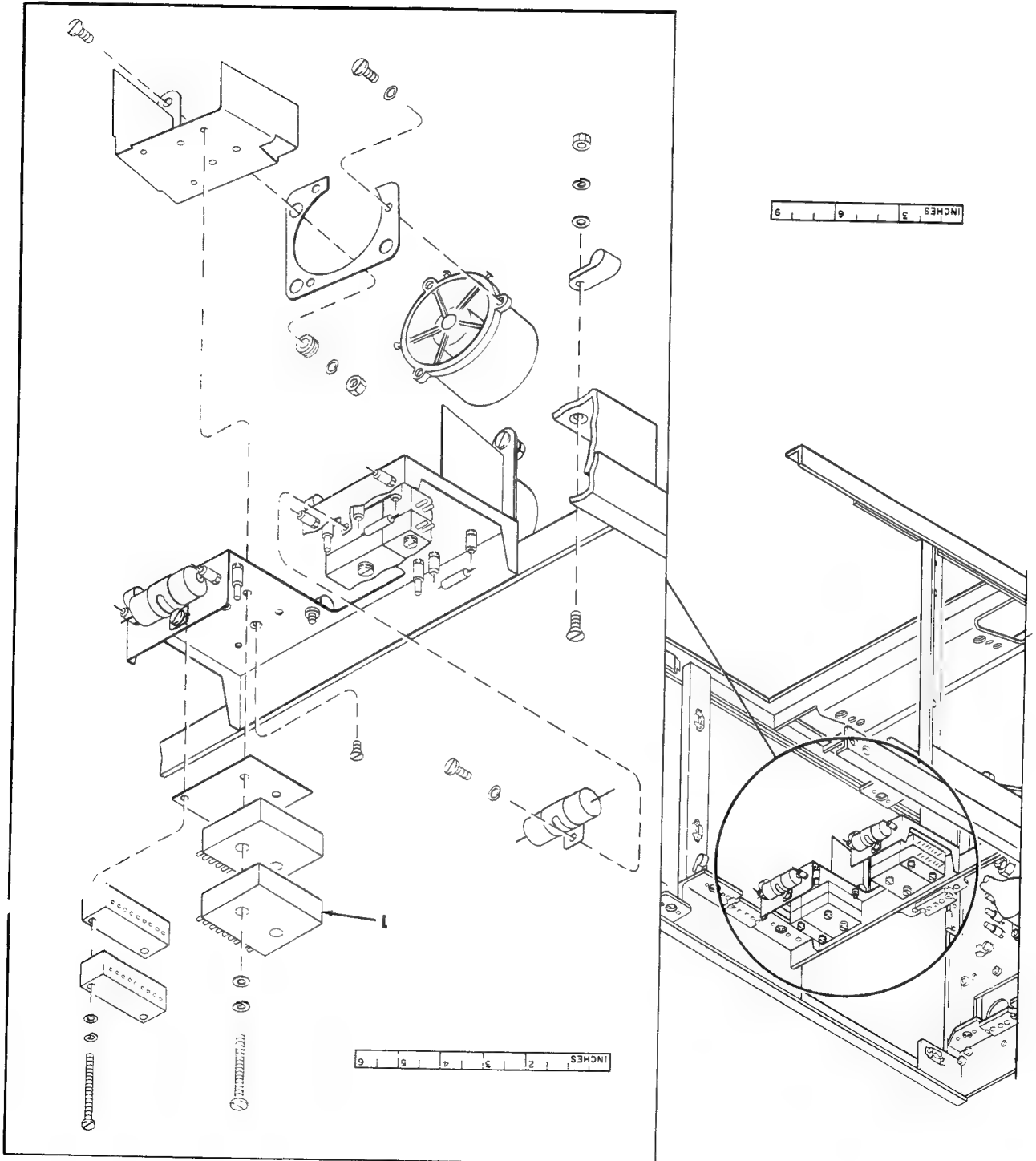
1 POST 9017174

Figure 239. Indicator, azimuth range (9993732)—partial exploded view

Figure 243. Indicator, azimuth range (9993732)—partial exploded view

1 GATE 9007695

ORD G284310



TM 9-1430-250-12P/10/2



Figure 244. Indicator, azimuth range (9993732)—partial exploded view

1 CONNECTOR MS-27035-6258

ORD G284311

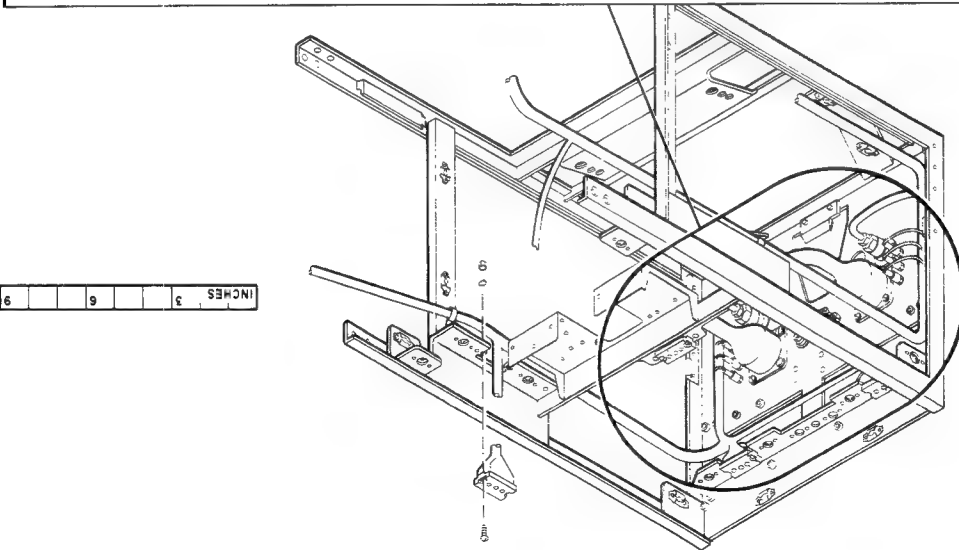
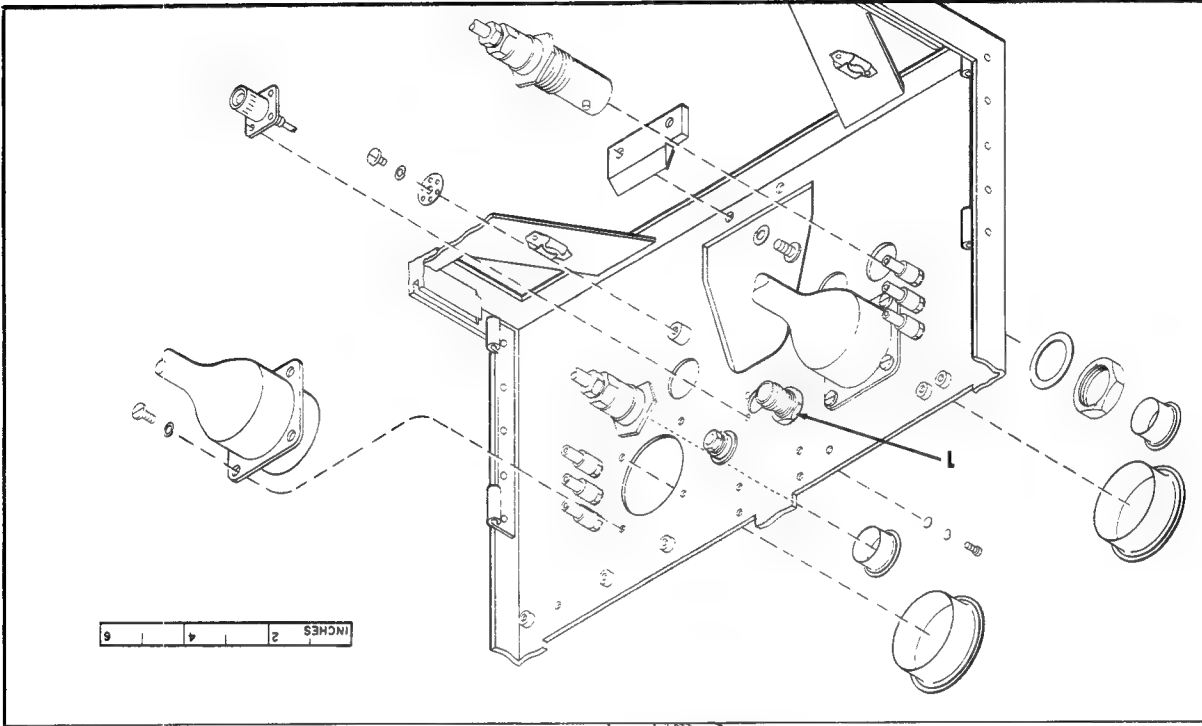


Figure 241. Indicator, azimuth range (9993732)—partial exploded view

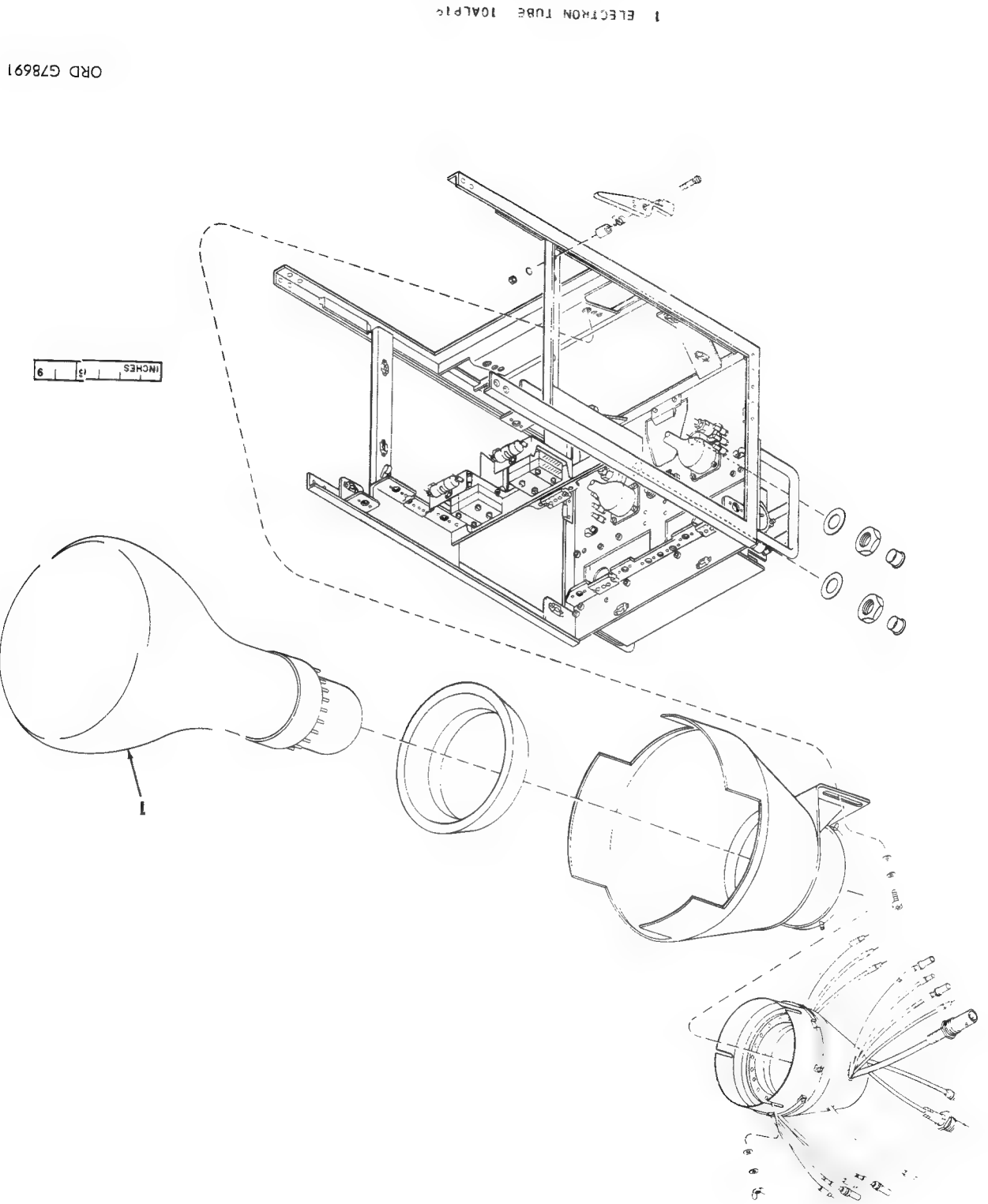
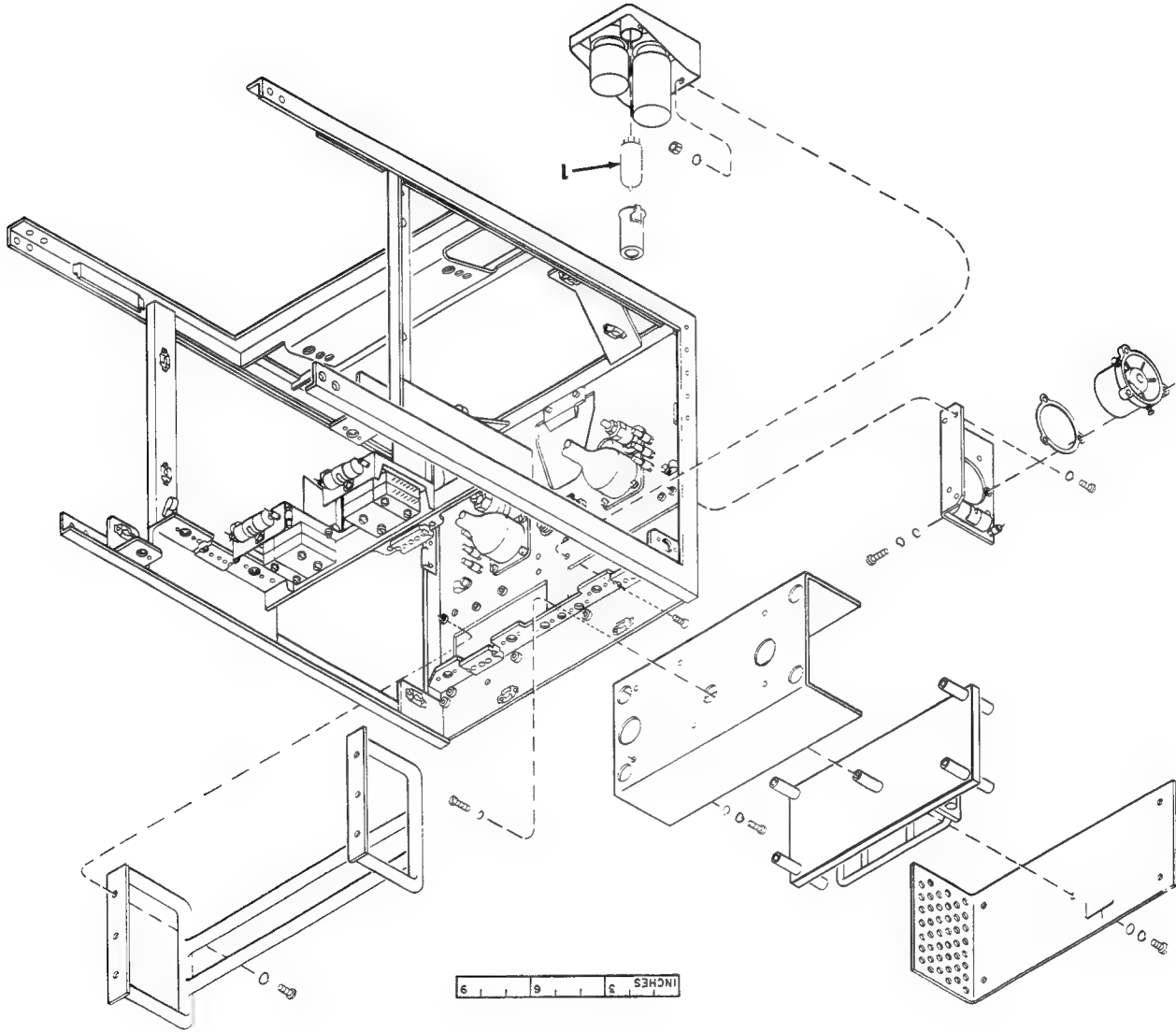
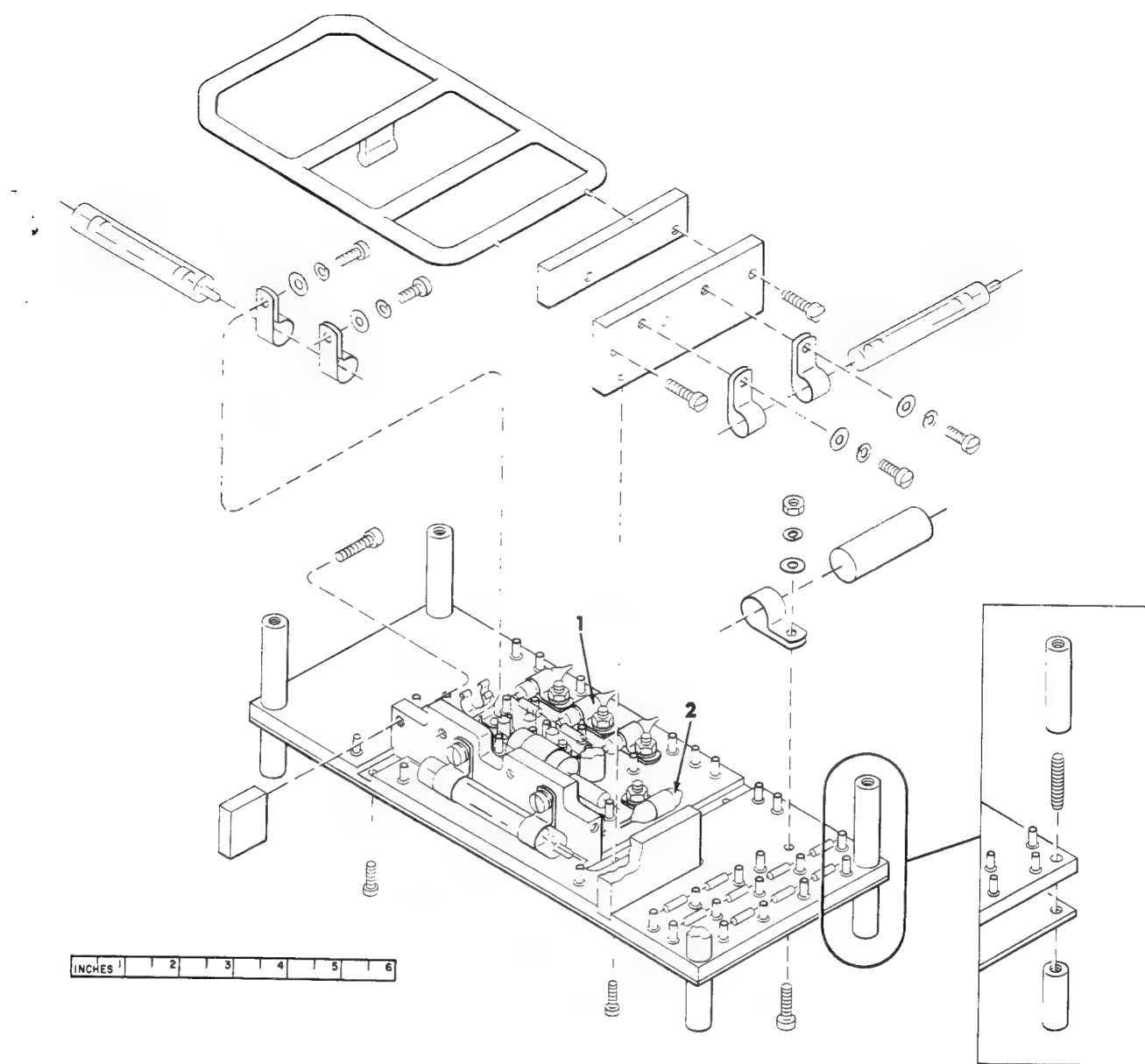


Figure 242. Indicator, azimuth range (9993732)—partial exploded view

1 ELECTRON TUBE 5651WA



ORD G78692



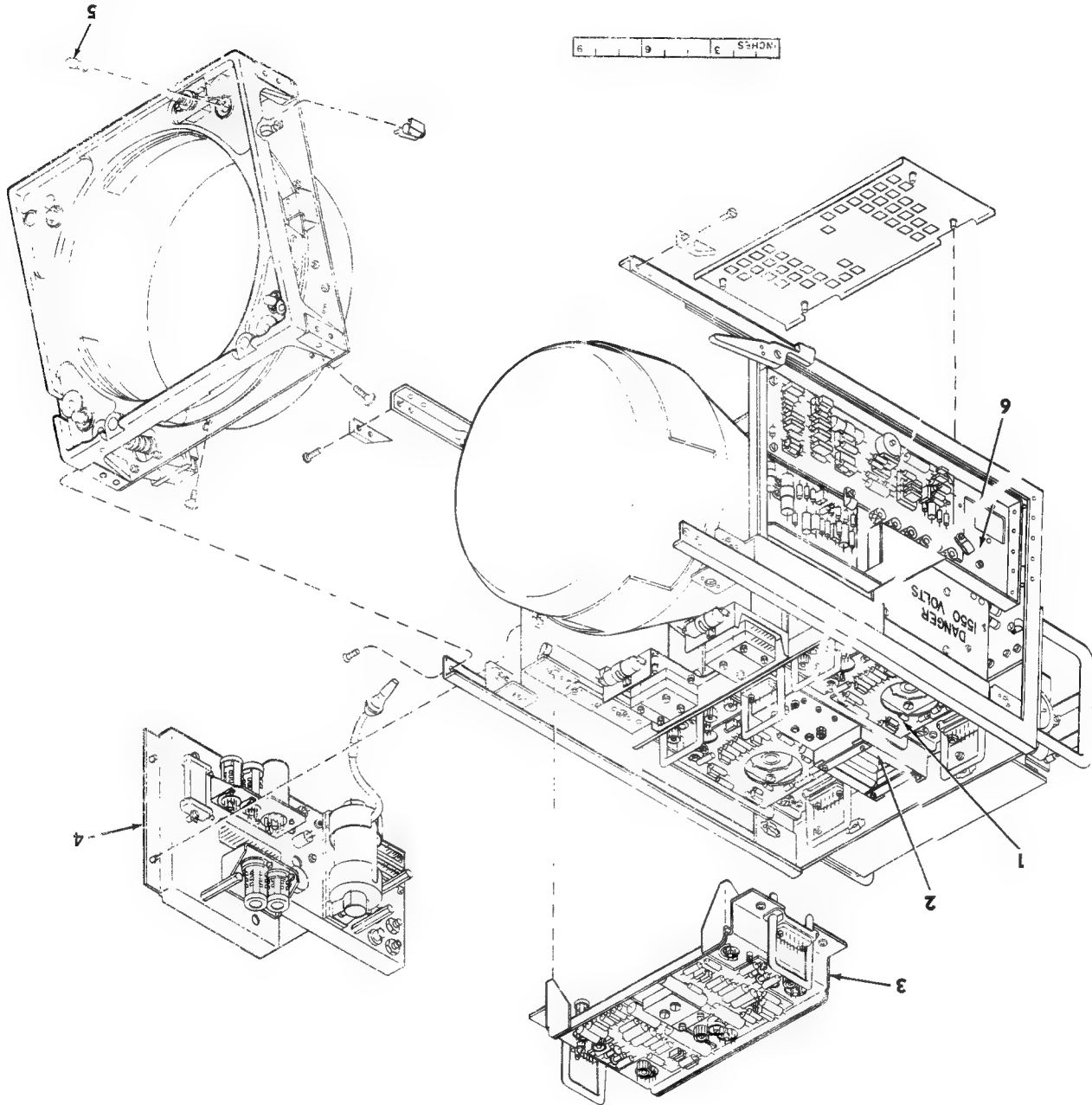
ORD G284312

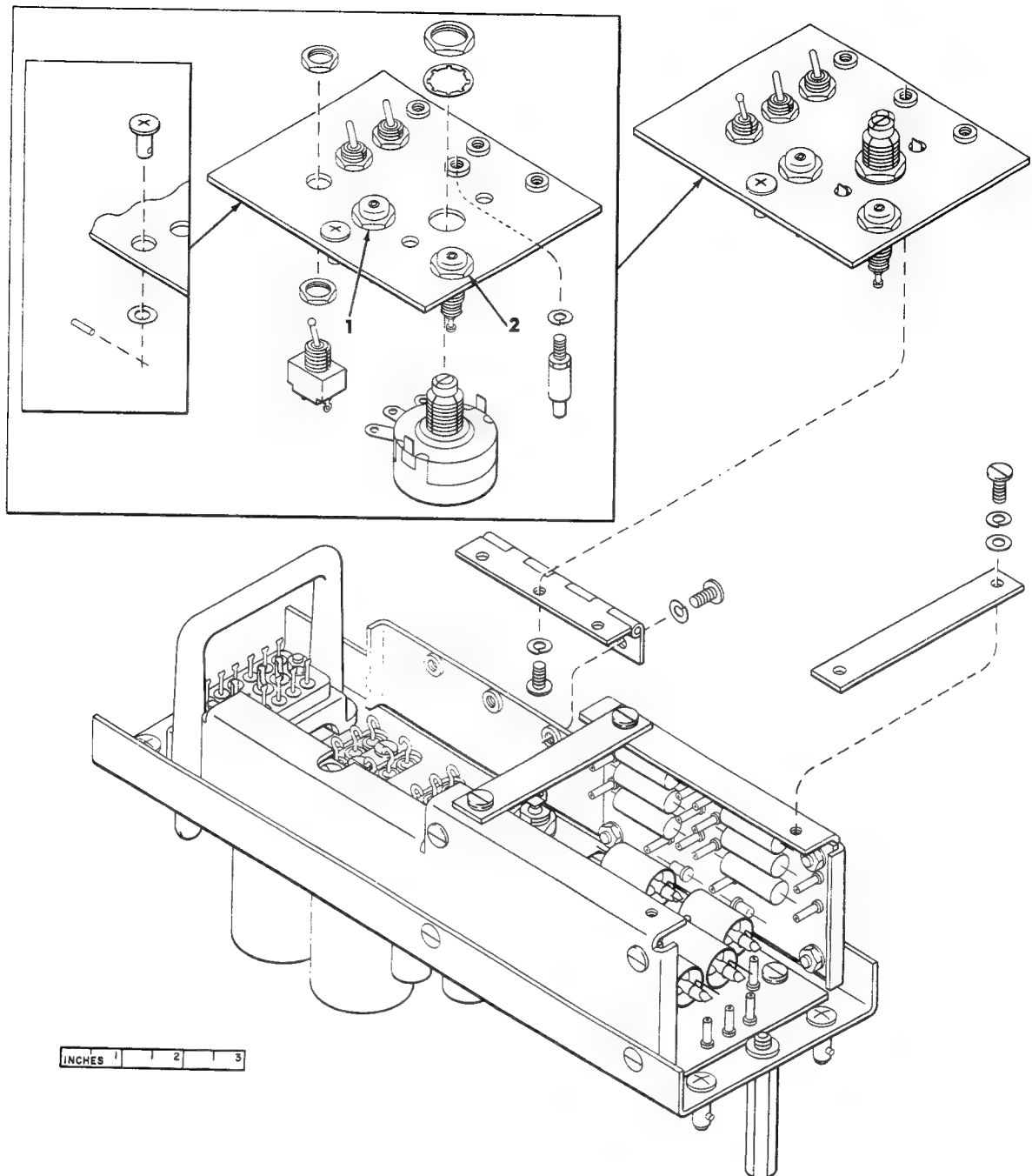
Figure 246. Power supply (9986438)—exploded view

Figure 240. Indicator, azimuth range (9993732)—partial exploded view

- |   |                               |
|---|-------------------------------|
| 1 | AMPLIFIER 9145029             |
| 2 | MODULATION ELIMINATOR 9160656 |
| 3 | GENERATOR 9144701             |
| 4 | AMPLIFIER 9986413             |
| 5 | LAMP MS-15-71-2 9160617       |
| 6 | GENERATOR 9160617             |

ORD G28709

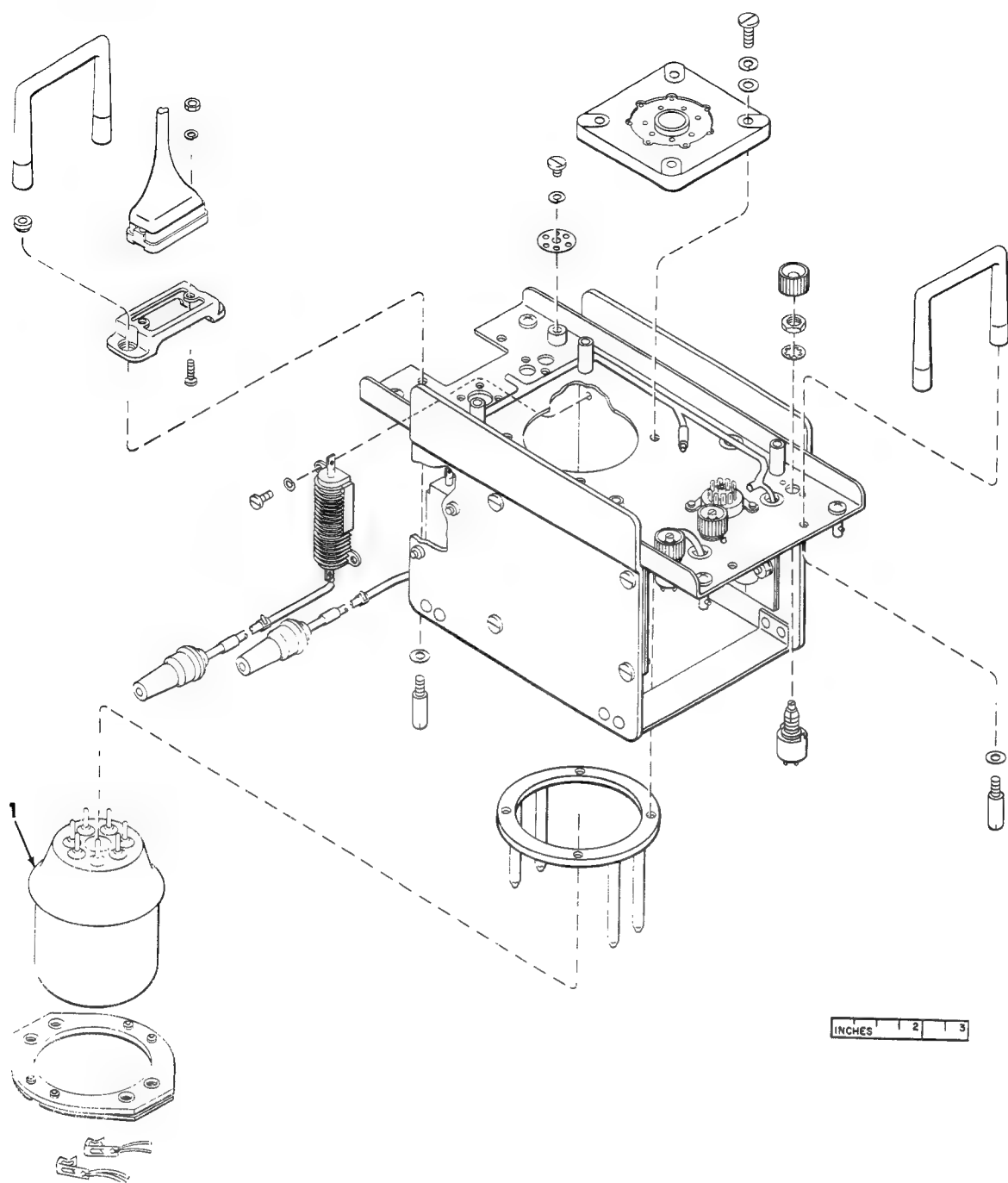




ORD G284314

- 1 JACK 8134425
- 2 JACK 8175214

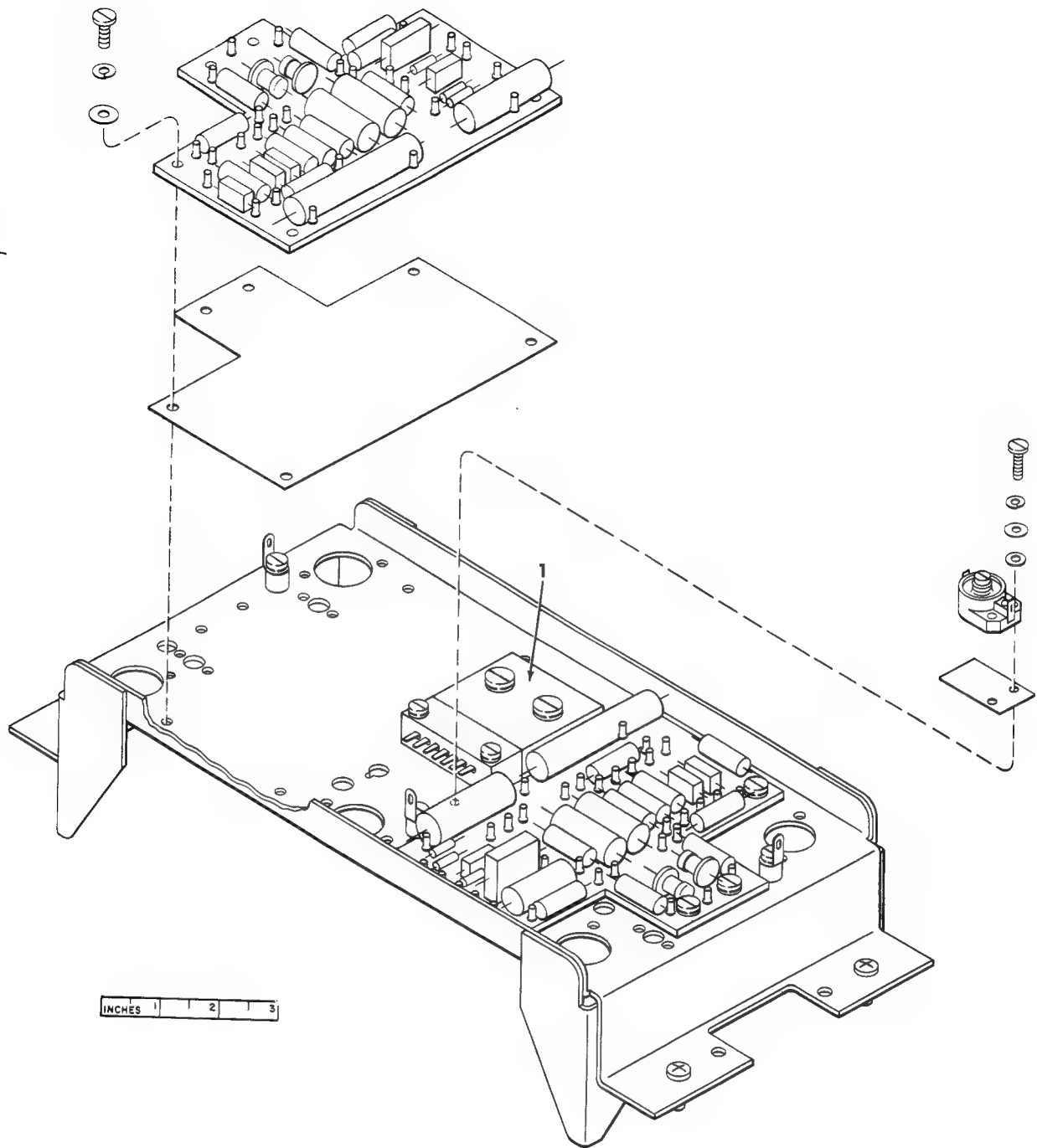
Figure 248. Modulation eliminator (9160636)— exploded view



ORD G284313

1 ELECTRON TUBE 3E29

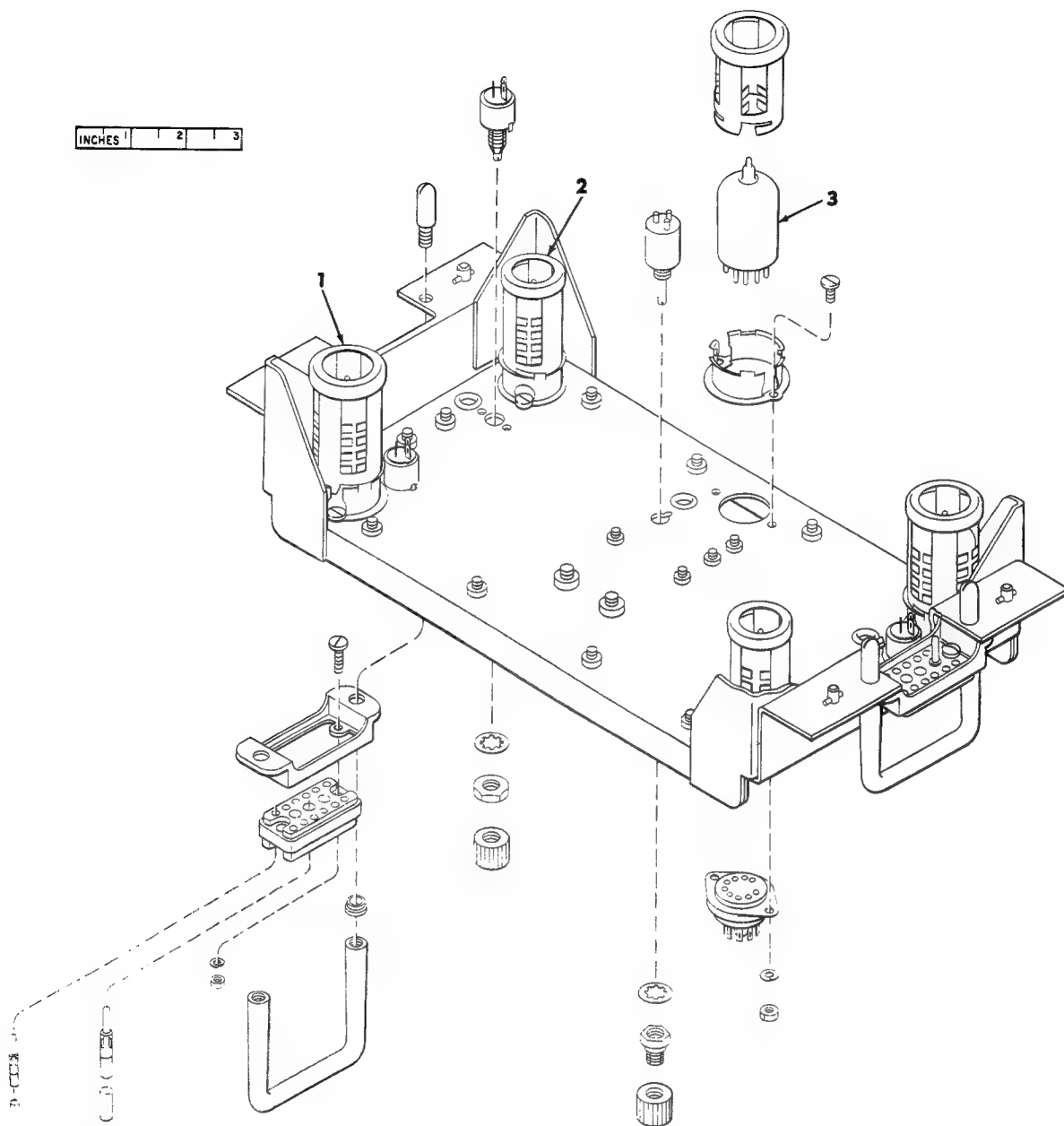
Figure 247. Amplifier, direct current (9145029)—partial exploded view



ORD G284316

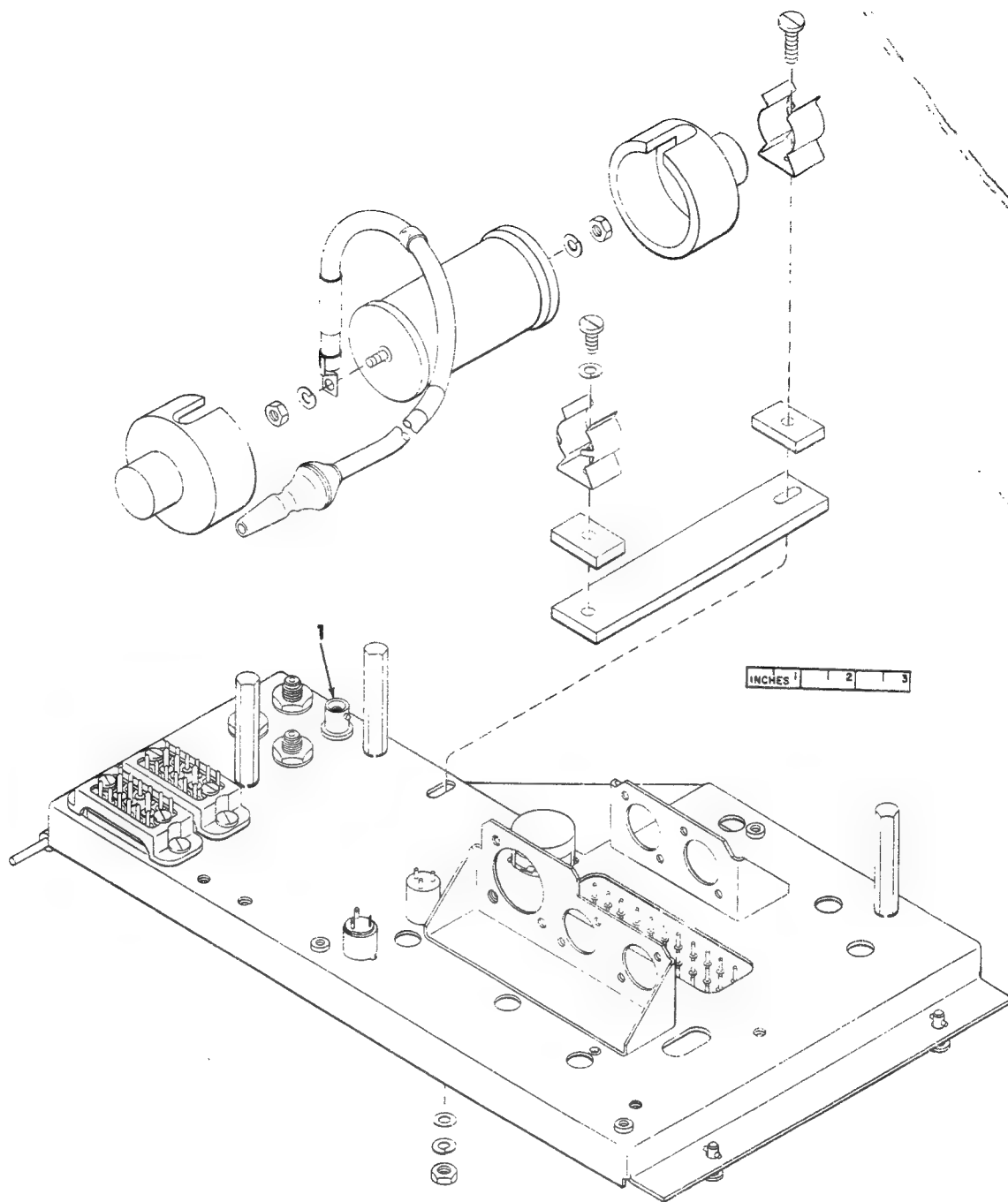
Figure 250. Generator, sweep (9144701)—partial exploded view





ORD G284315

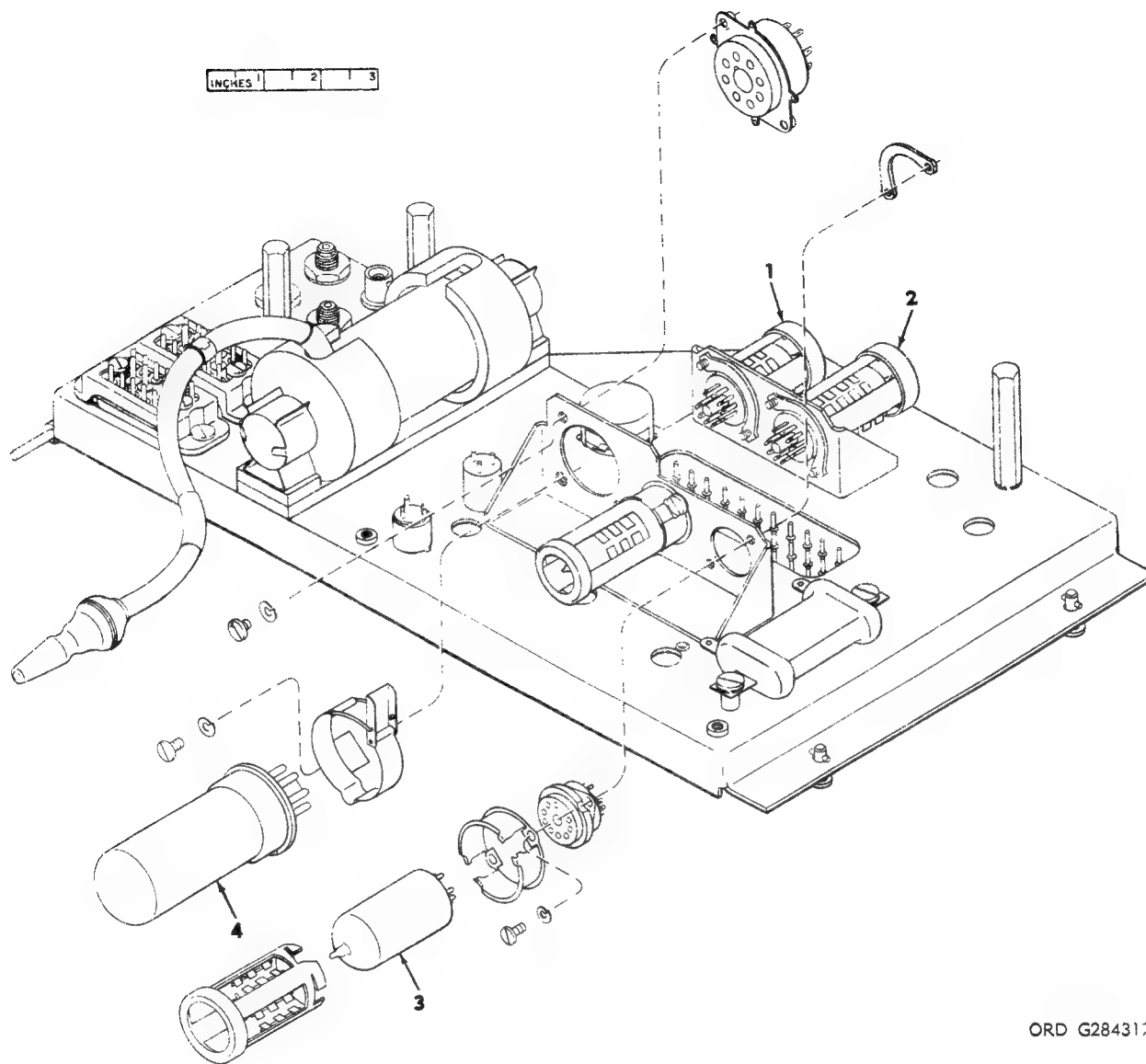
Figure 249. Generator, sweep (9144701)—partial exploded view



ORD G284318

1 CONNECTOR MS-27035-625B

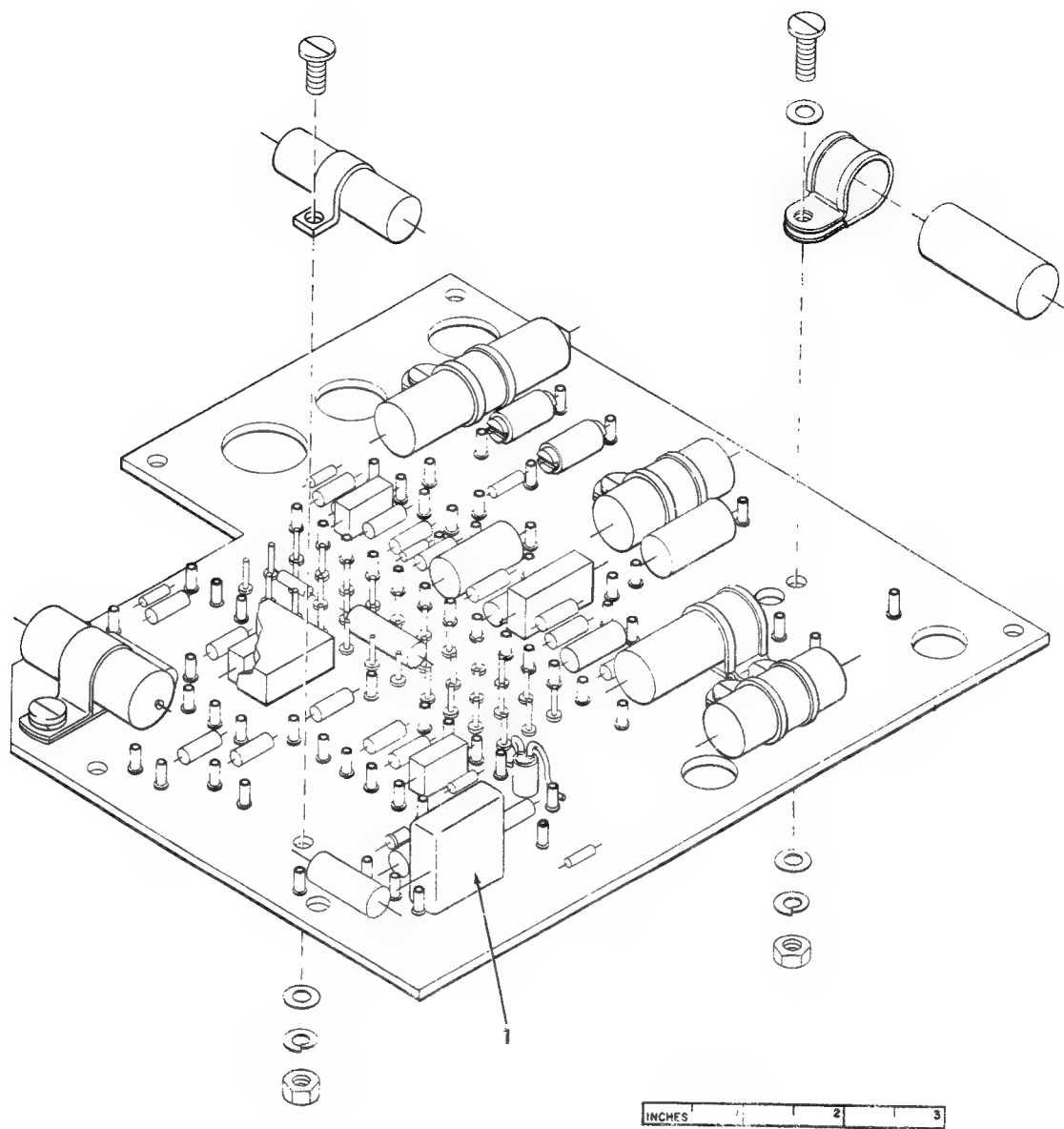
Figure 252. Amplifier, video (9986413)—partial exploded view



ORD G284317

- |   |               |        |
|---|---------------|--------|
| 1 | ELECTRON TUBE | 5670   |
| 2 | ELECTRON TUBE | 5814A  |
| 3 | ELECTRON TUBE | 5687WA |
| 4 | ELECTRON TUBE | 6AG7Y  |

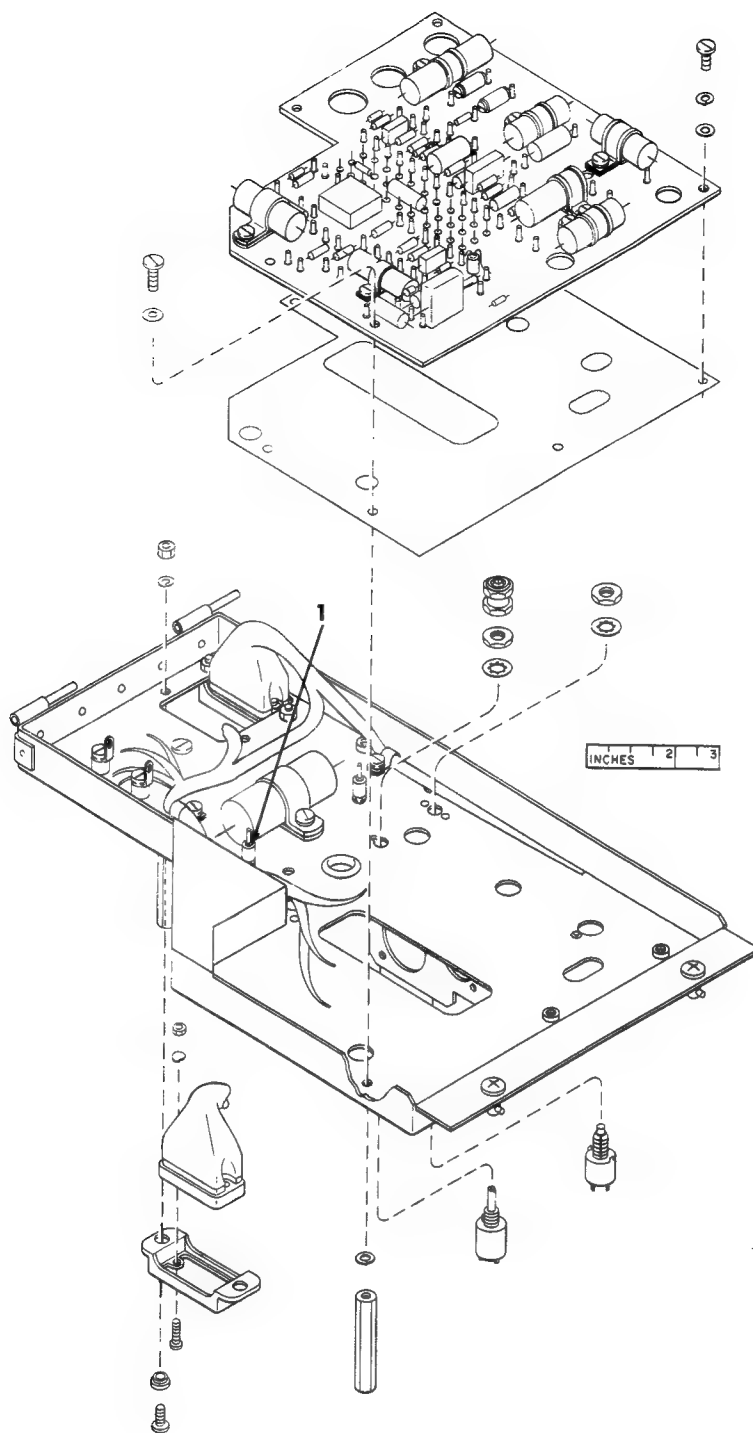
Figure 251. Amplifier, video (9986413)—partial exploded view



ORL G284319

1 CAPACITOR CM35E103J

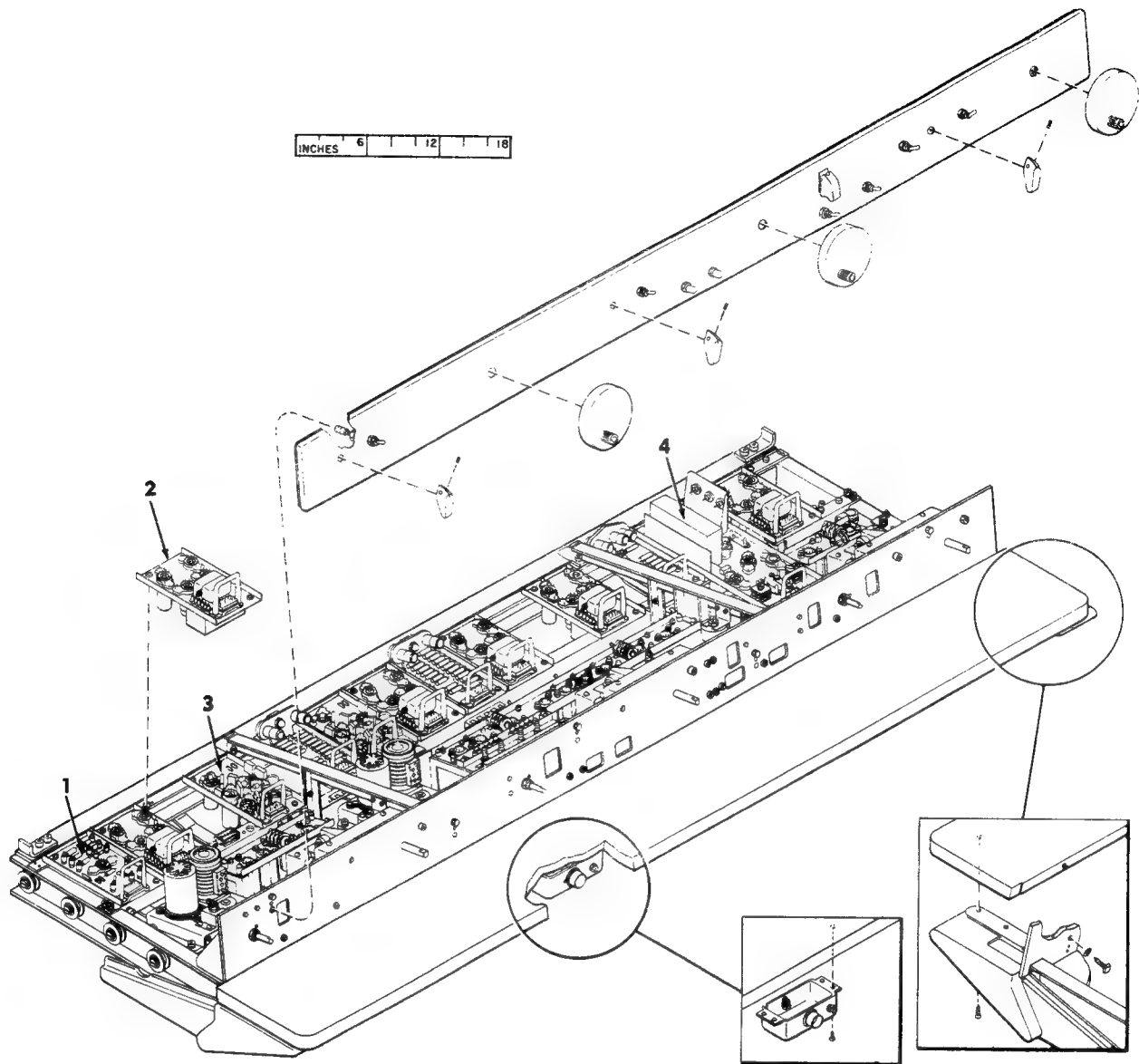
Figure 254. Capacitor-resistor assembly (9986419)—partial exploded view



1 TERMINAL 7598949

ORD G263410

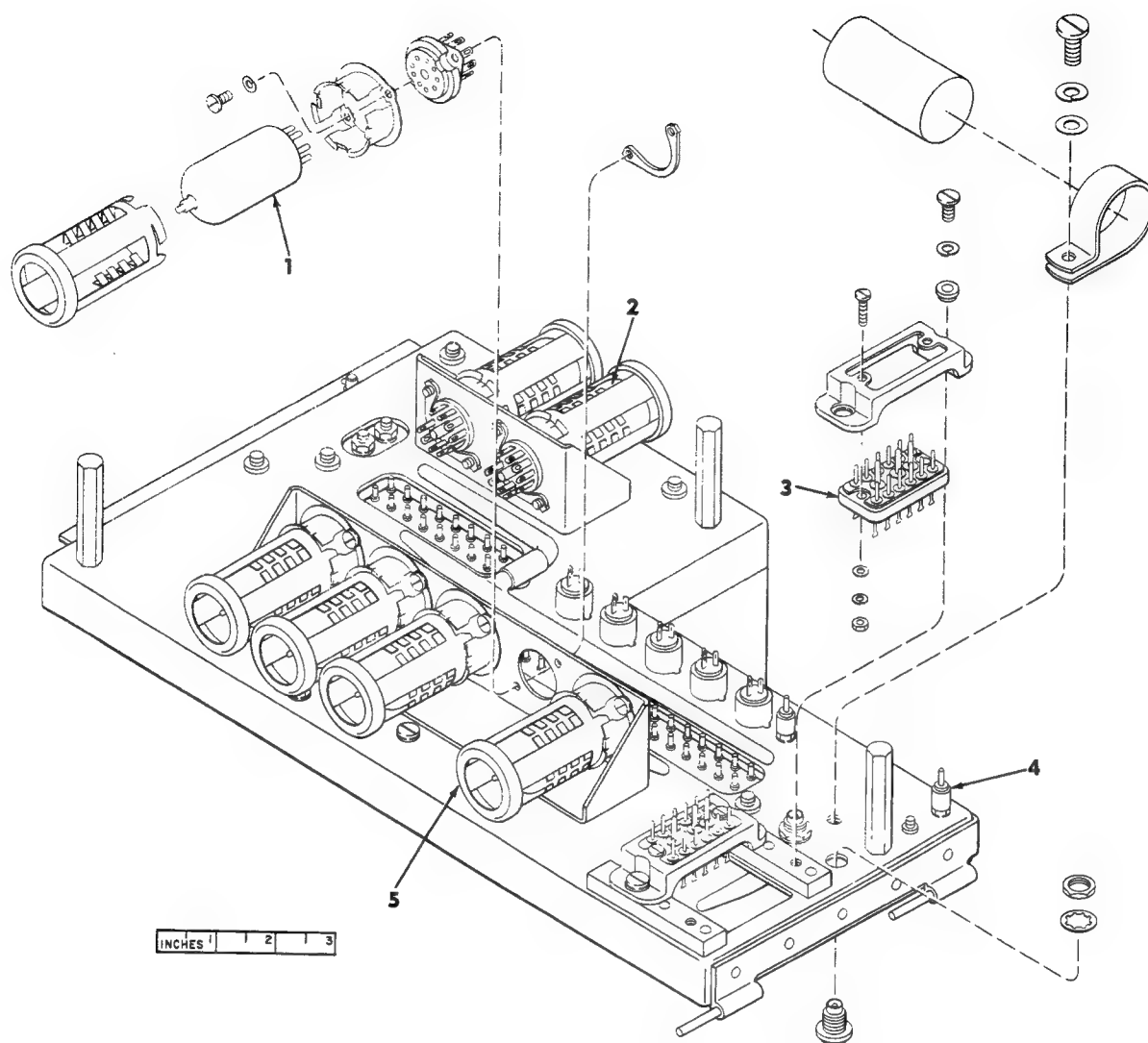
Figure 253. Amplifier, video (9986413)—partial exploded view



ORD G284321

- |   |           |         |
|---|-----------|---------|
| 1 | AMPLIFIER | 9140767 |
| 2 | AMPLIFIER | 7614253 |
| 3 | AMPLIFIER | 9005495 |
| 4 | AMPLIFIER | 9995950 |

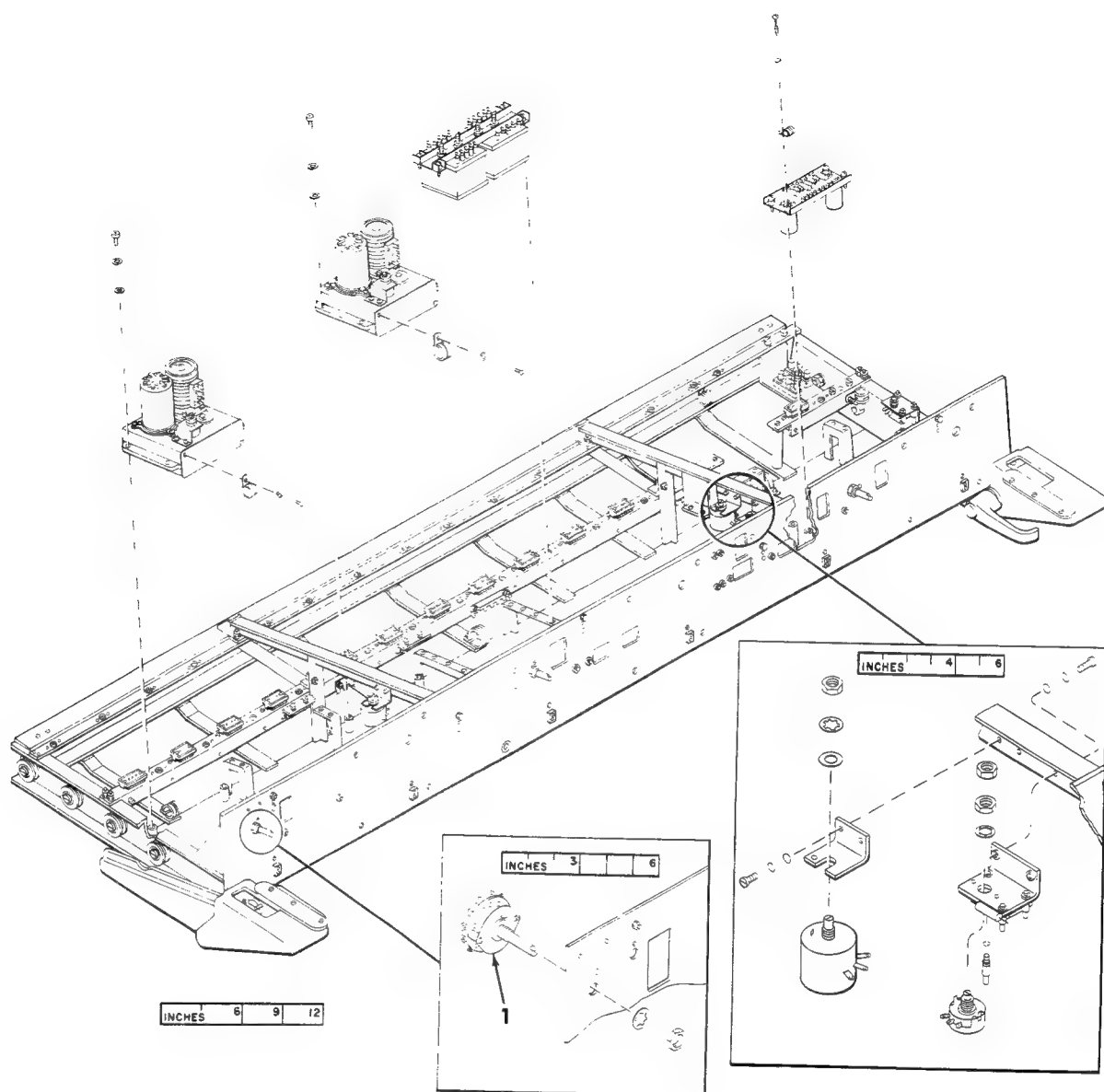
Figure 256. Antenna control group (9143655)—partial exploded view



ORD G284320

- 1 ELECTRON TUBE 12AT7WA
- 2 ELECTRON TUBE 5687WA
- 3 CONNECTOR 7598934
- 4 TERMINAL 7598949
- 5 ELECTRON TUBE 5814A

Figure 255. Generator, electrical marker (9160617)—exploded view

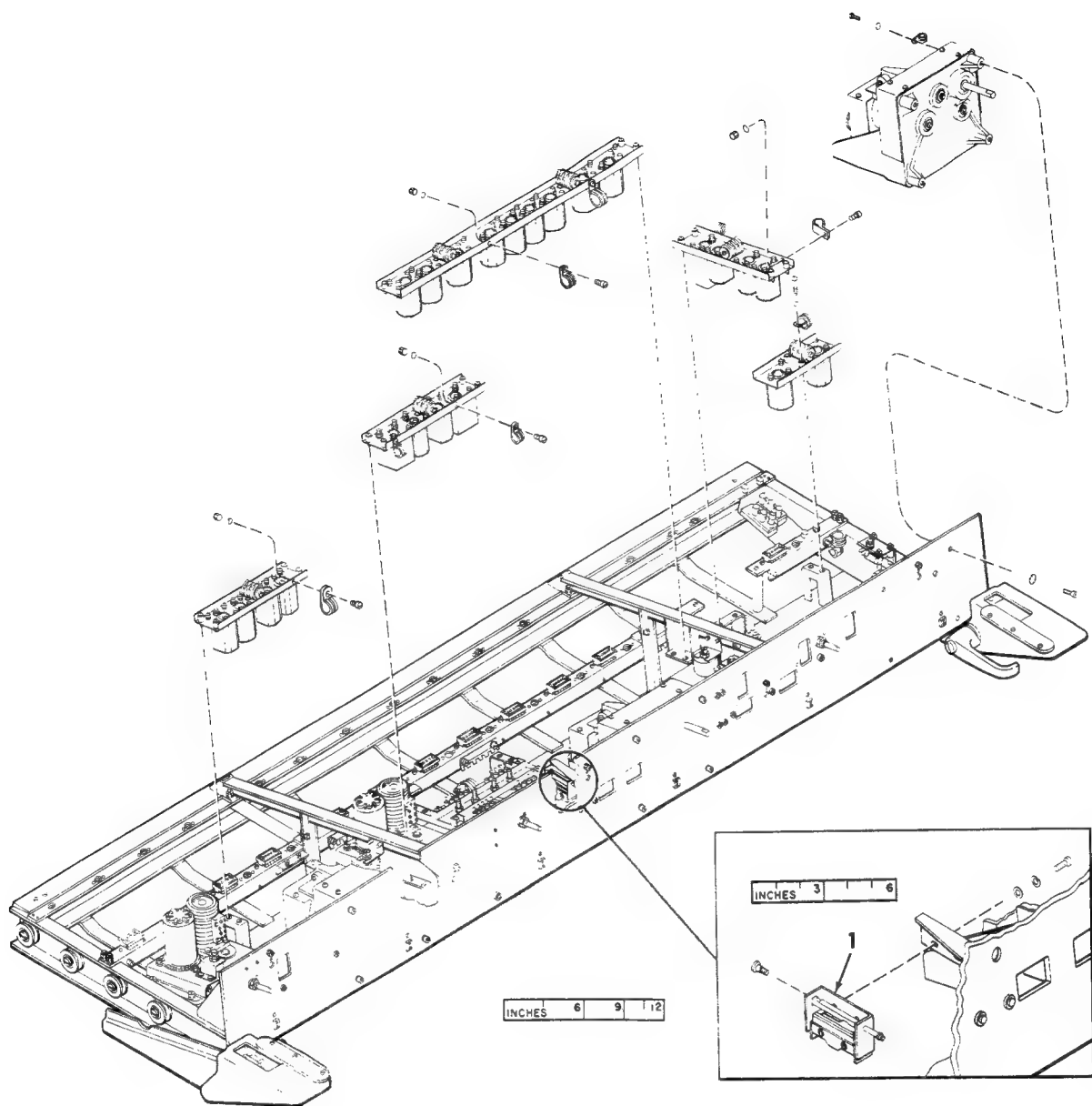


ORD G284323

1 SWITCH 8511693

Figure 258. Antenna control group (9143655)—partial exploded view

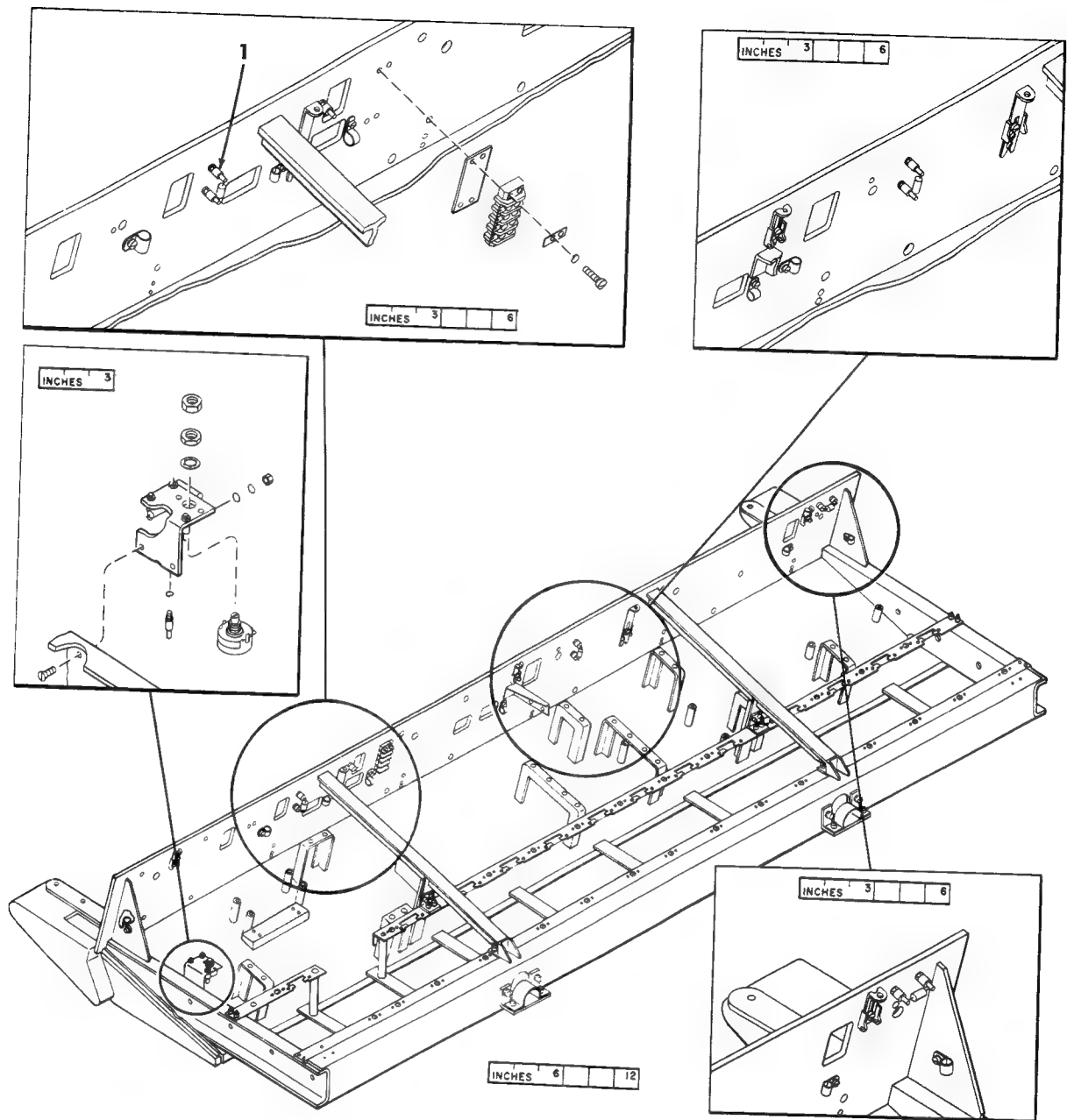




ORD G284322

1 SWITCH 7602749

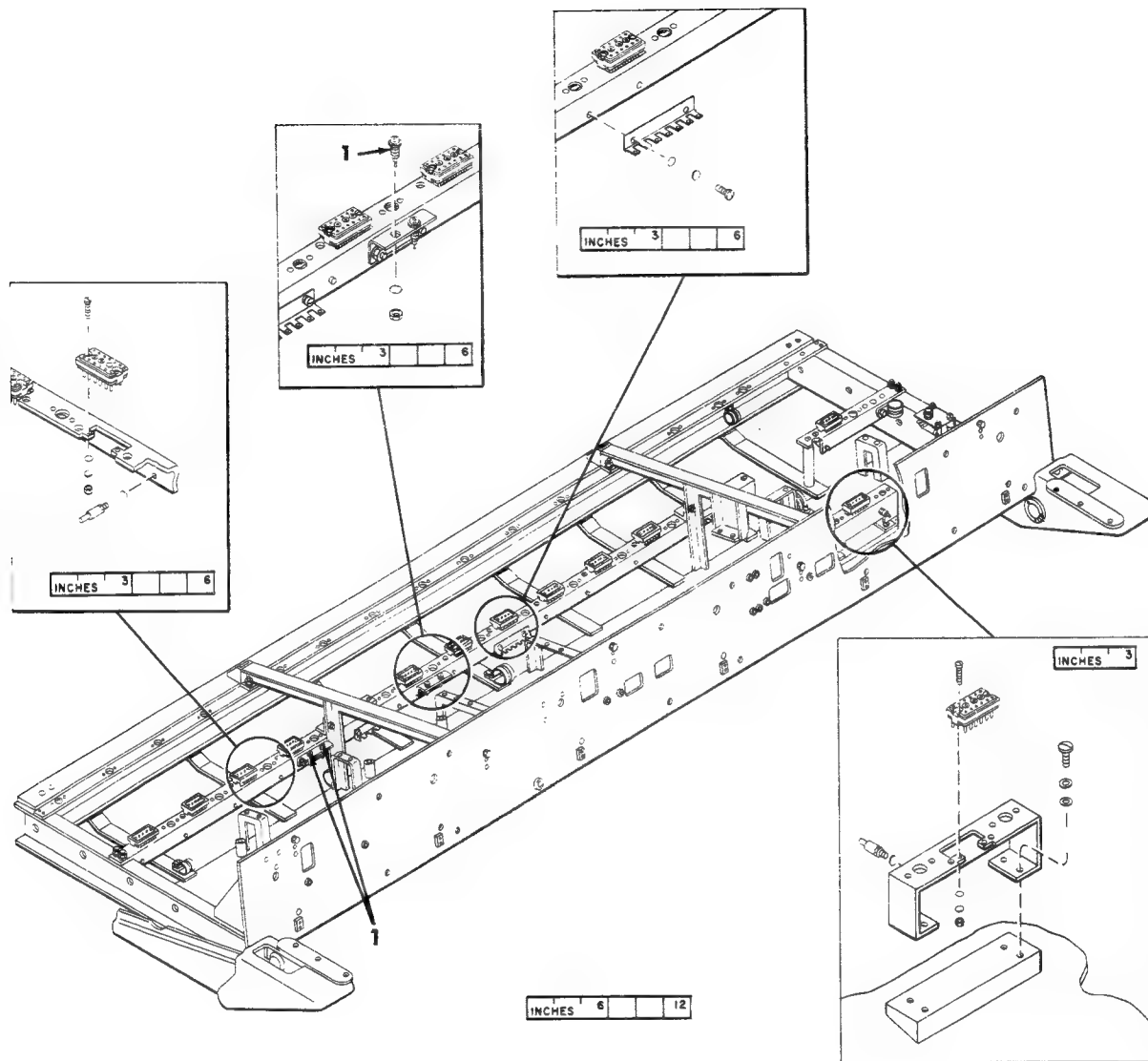
Figure 257. Antenna control group (9143655)—partial exploded view



ORD G284325

1 TERMINAL 7598949

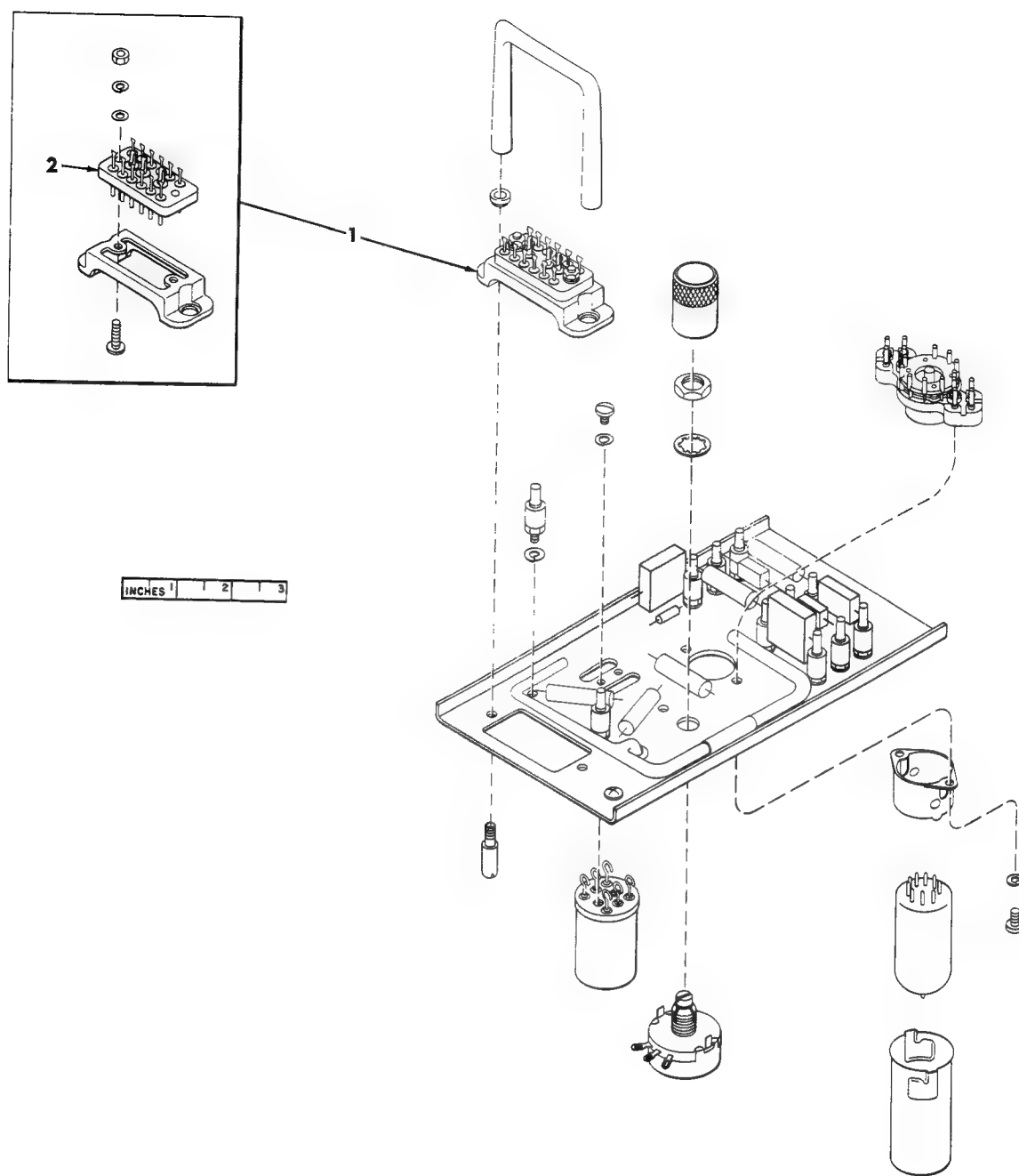
Figure 260. Antenna control group (9143655)—partial exploded view



ORD G284324

1 JACK 8175214

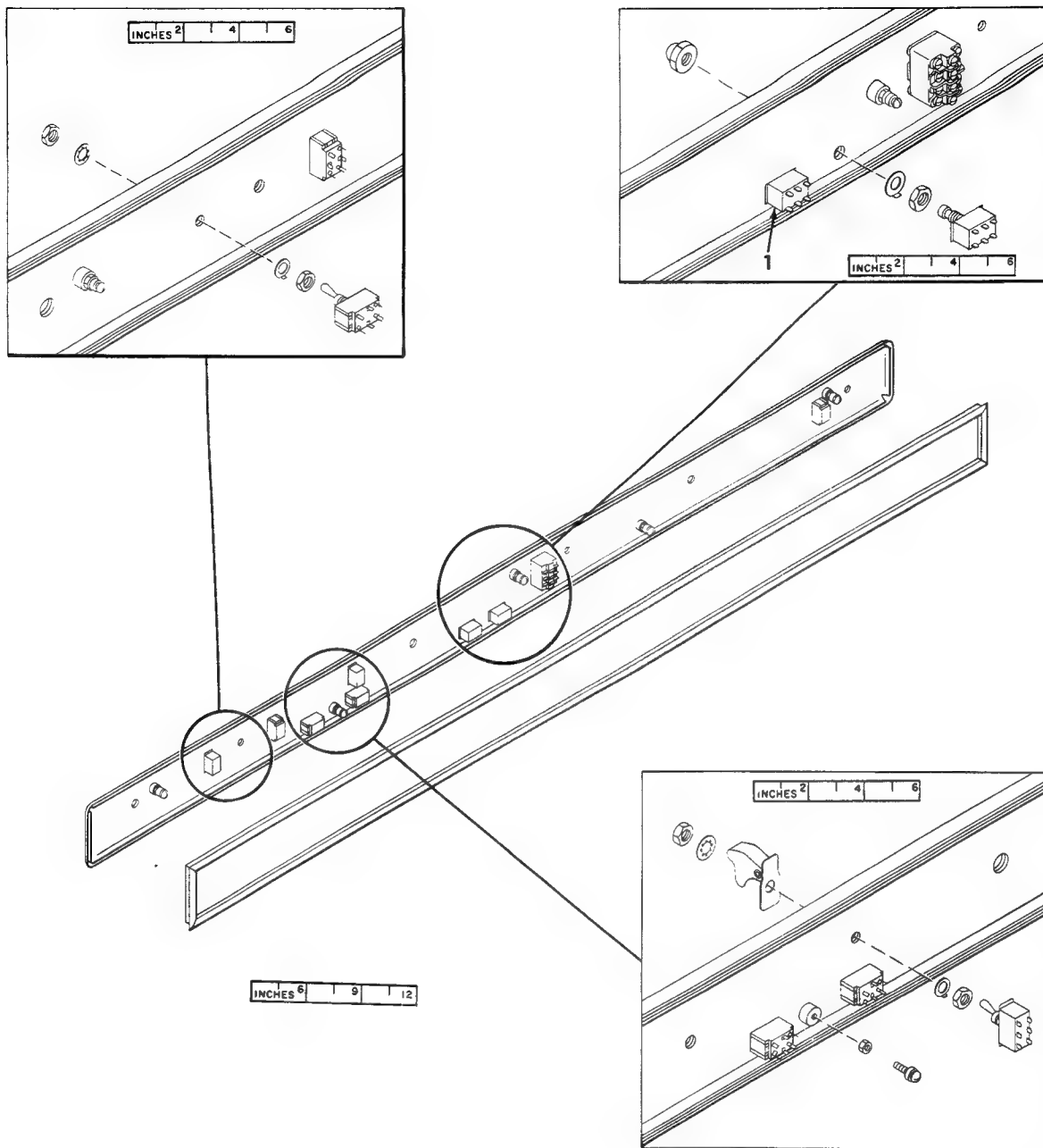
Figure 259. Antenna control group (9143655)—partial exploded view



ORD G260054

- |   |           |         |
|---|-----------|---------|
| 1 | CONNECTOR | 7598051 |
| 2 | CONNECTOR | 7598934 |

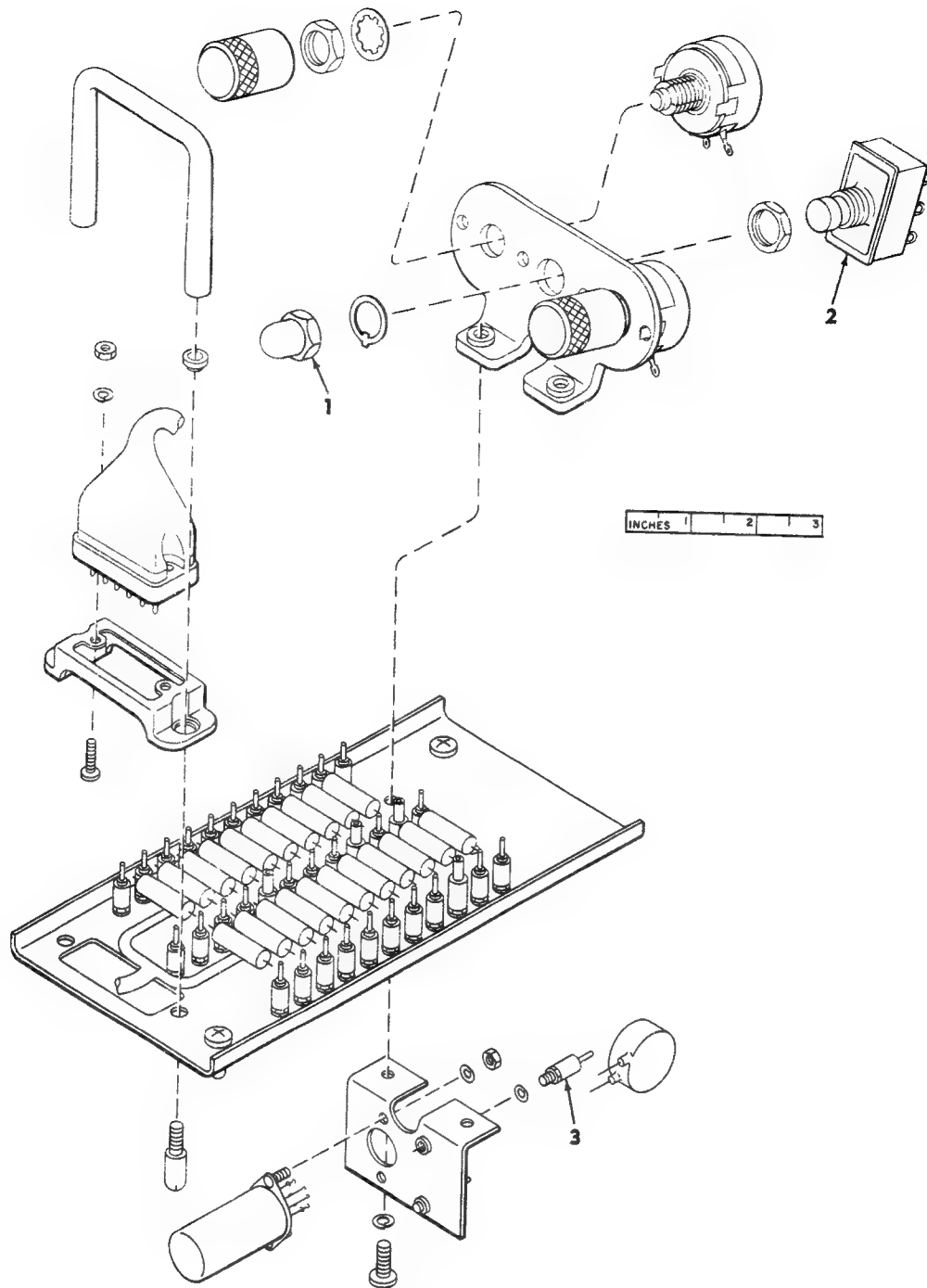
Figure 262. Amplifier, audio frequency (9140767)—exploded view



ORD G284326

1 SWITCH 9000695

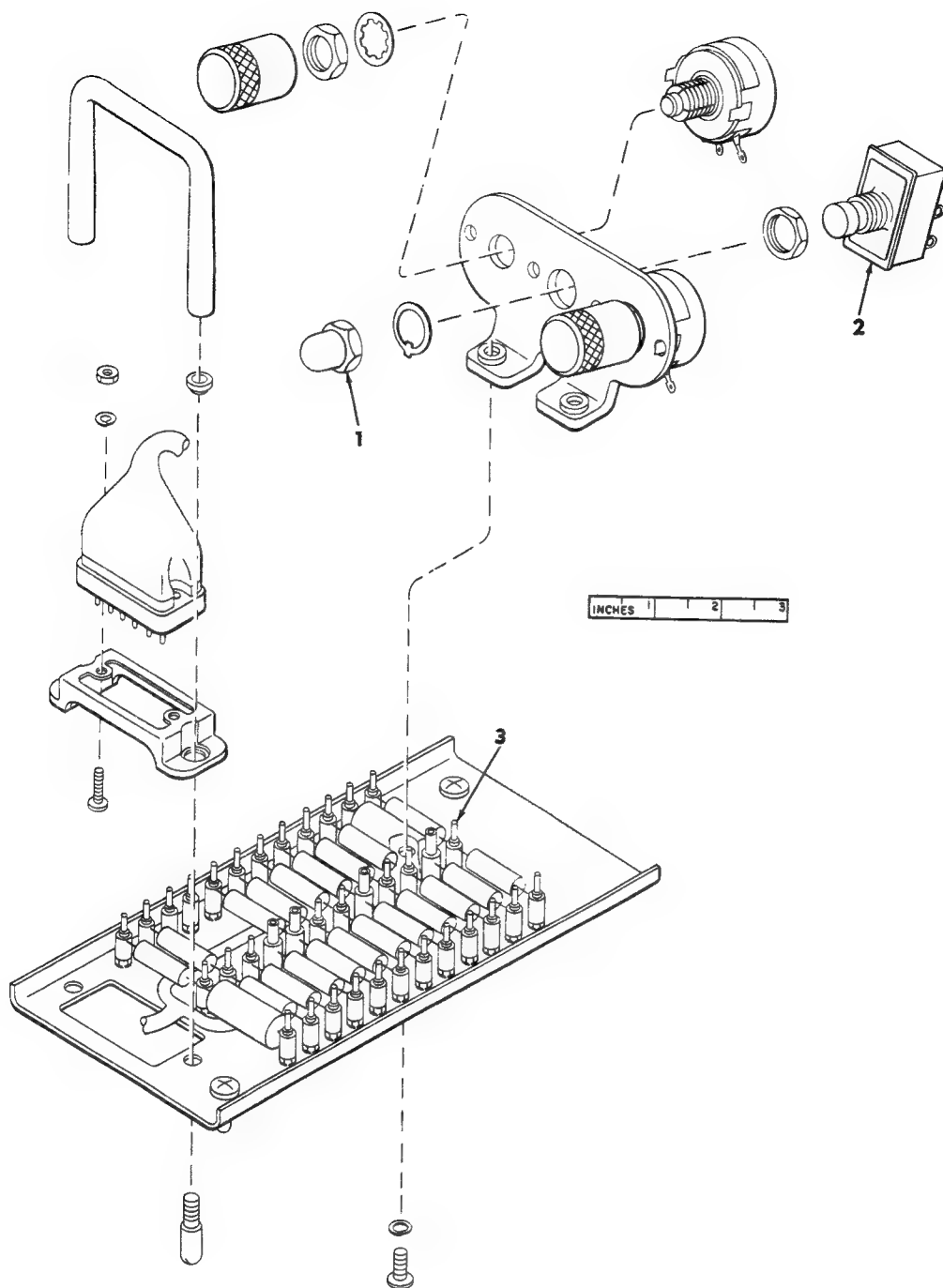
Figure 261. Panel (9143656)—exploded view



ORD G284327

- 1 BCOT 9017174
- 2 SWITCH 9000695
- 3 TERMINAL 7598749

Figure 264. Resistor assembly (9160778)—exploded view



ORD G260055

- 1 BOOT 9017174
- 2 SWITCH 9000695
- 3 TERMINAL 7598949

Figure 263. Resistor assembly (9160779)—exploded view

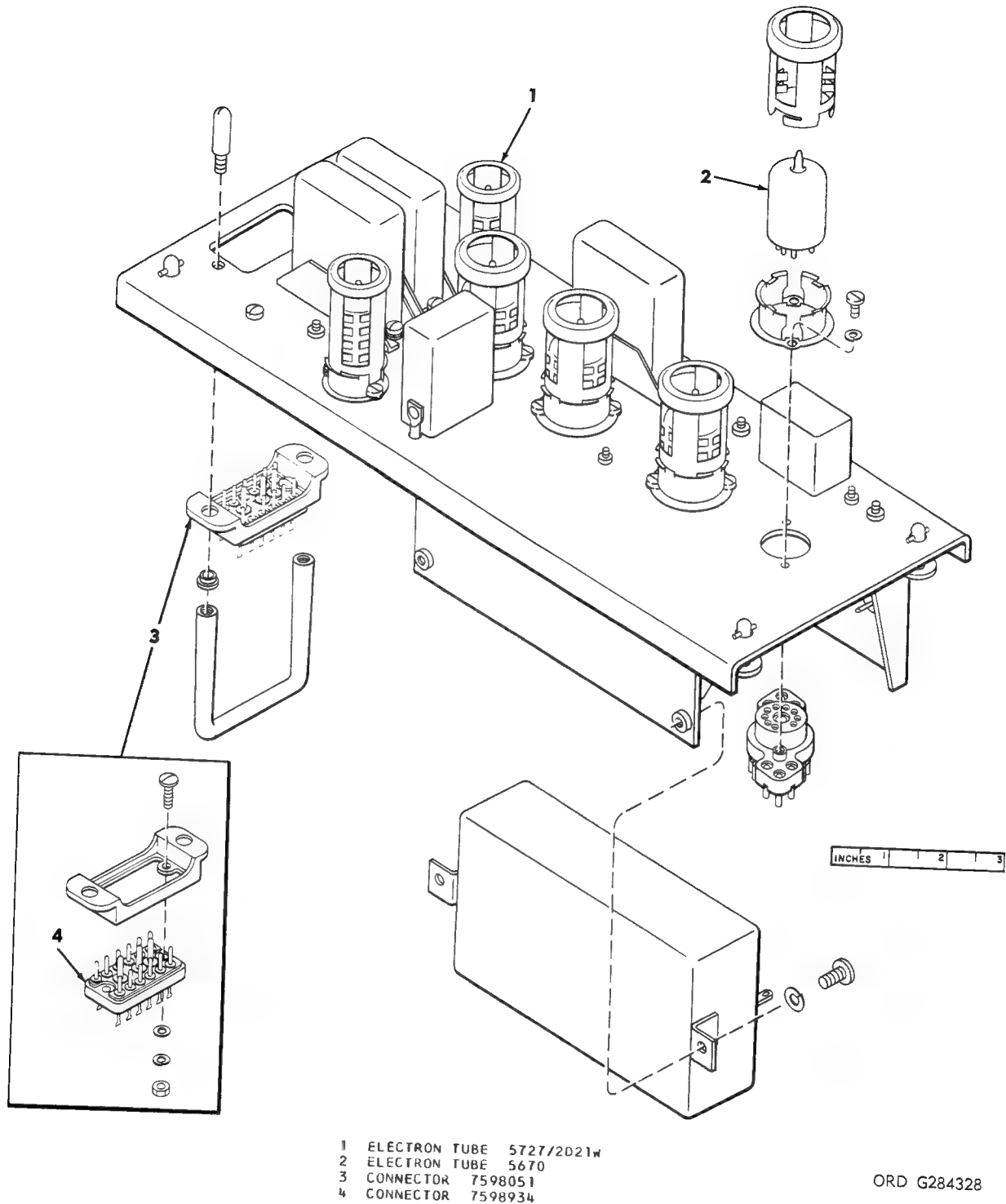
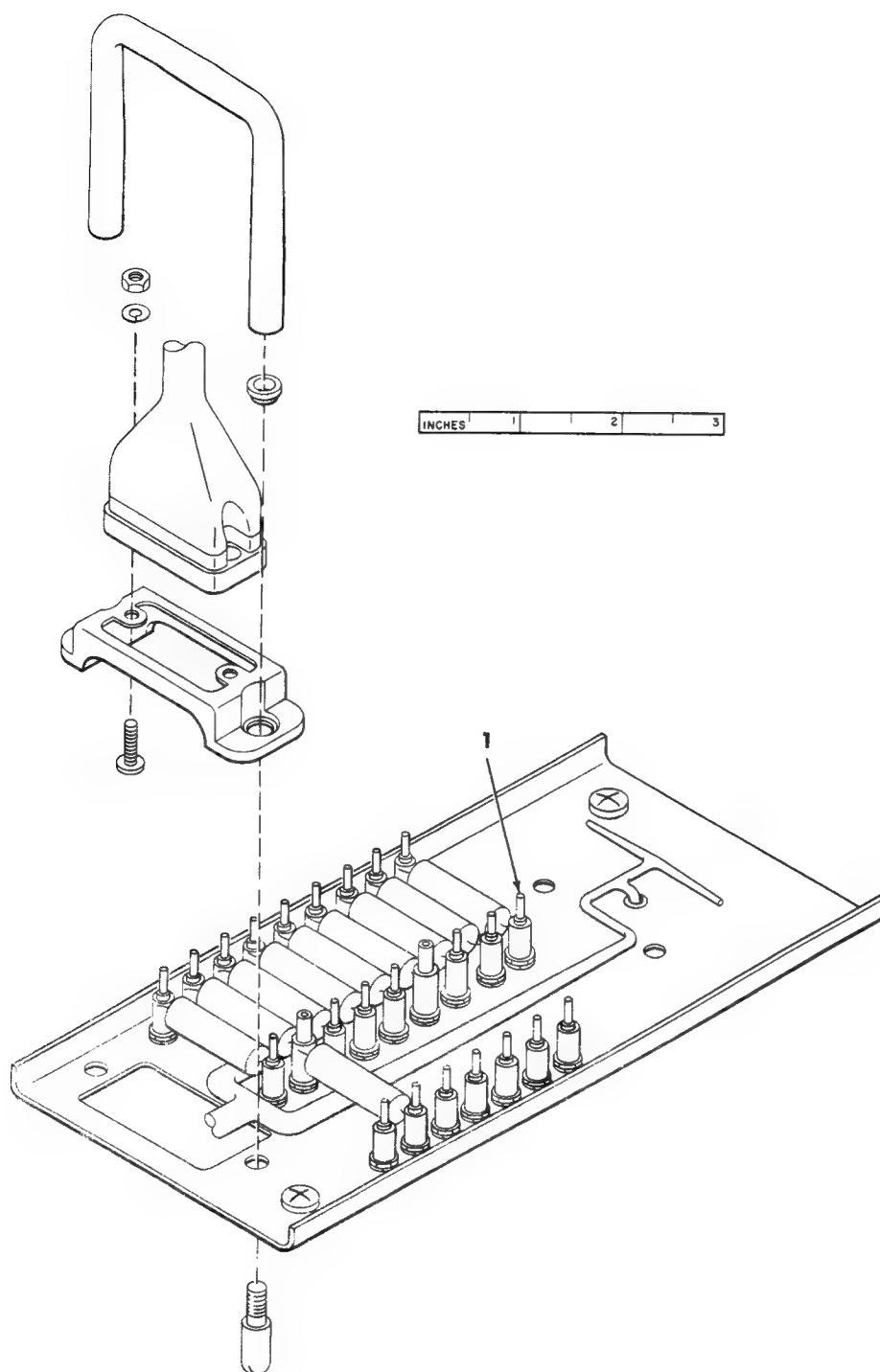


Figure 266. Amplifier, electronic control (9995950)—partial exploded view

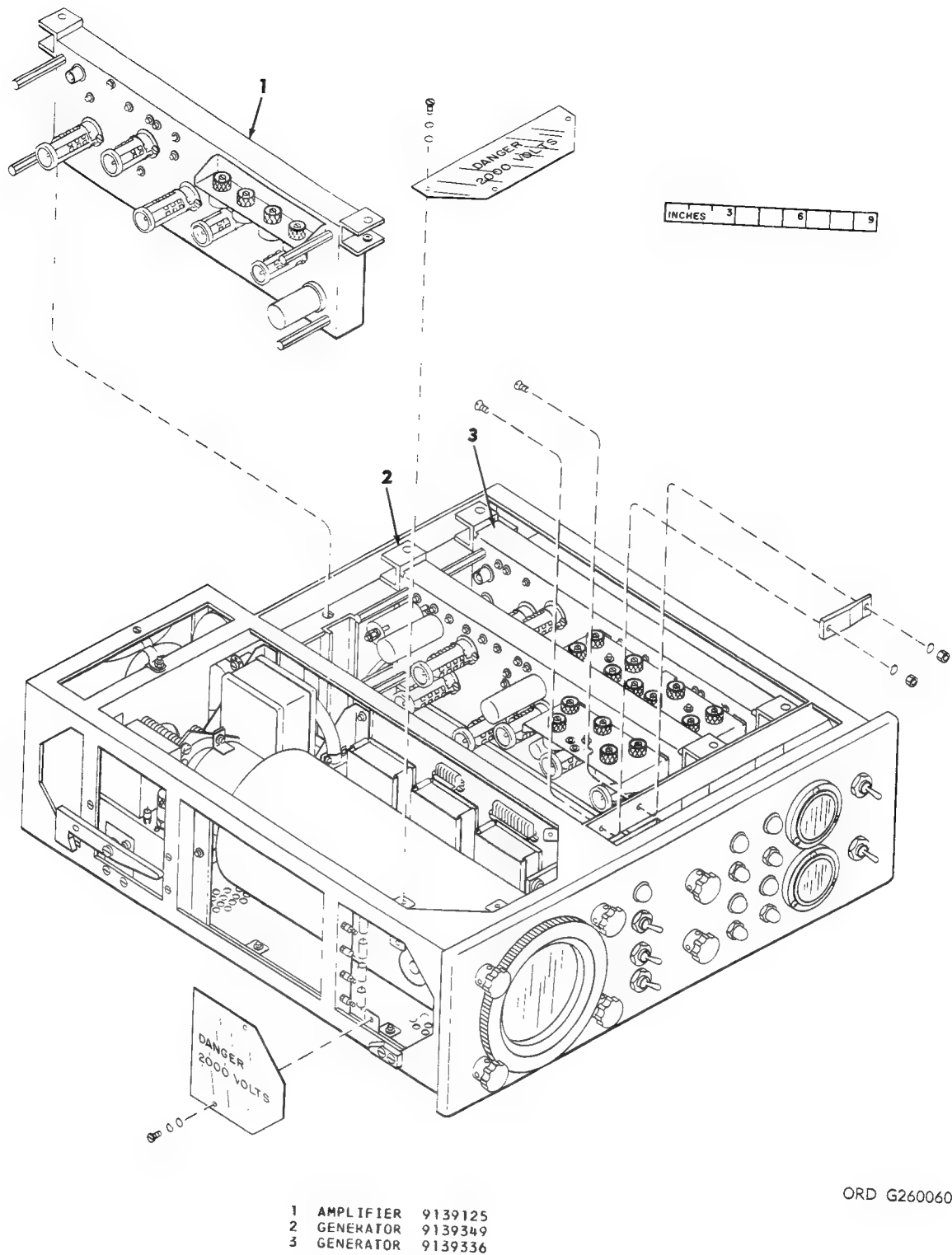




1 TERMINAL 7598949

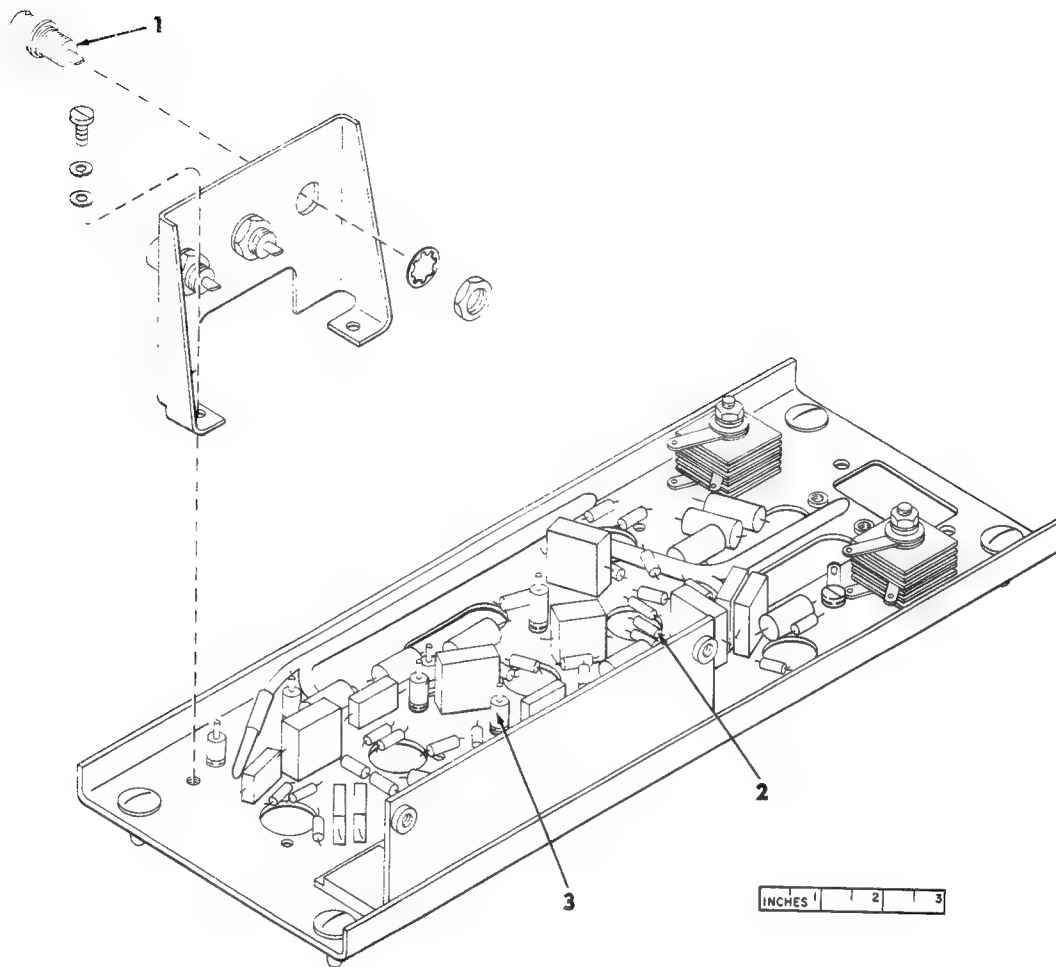
ORD G260057

Figure 265. Resistor assembly (9995949)—exploded view



ORD G260060

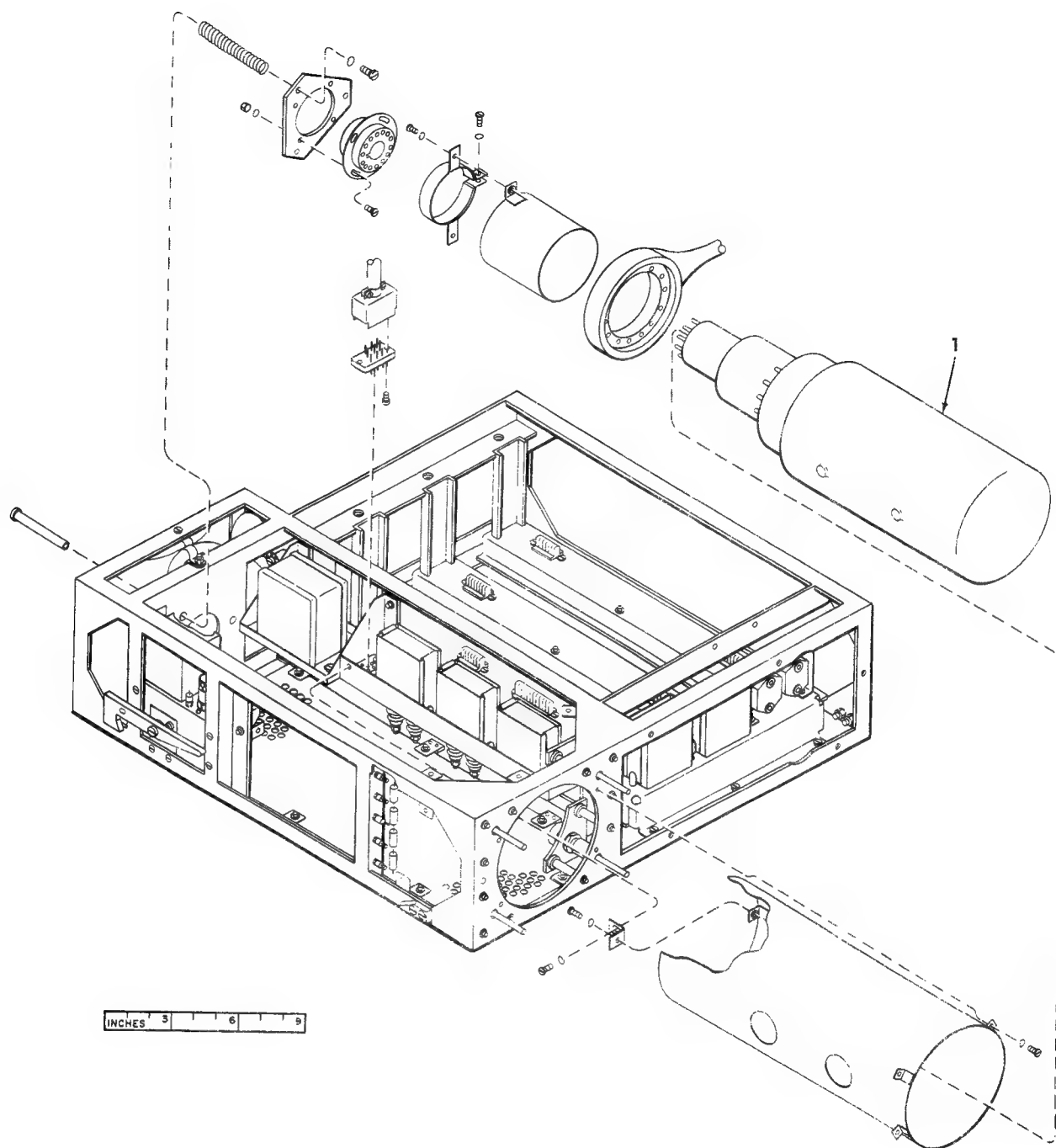
Figure 268. Control indicator (9139490)—partial exploded view



ORD G284329

- 1 CONNECTOR MS-27035-625B
- 2 SEMICONDUCTOR DEVICE  
1N198
- 3 TERMINAL 7598949

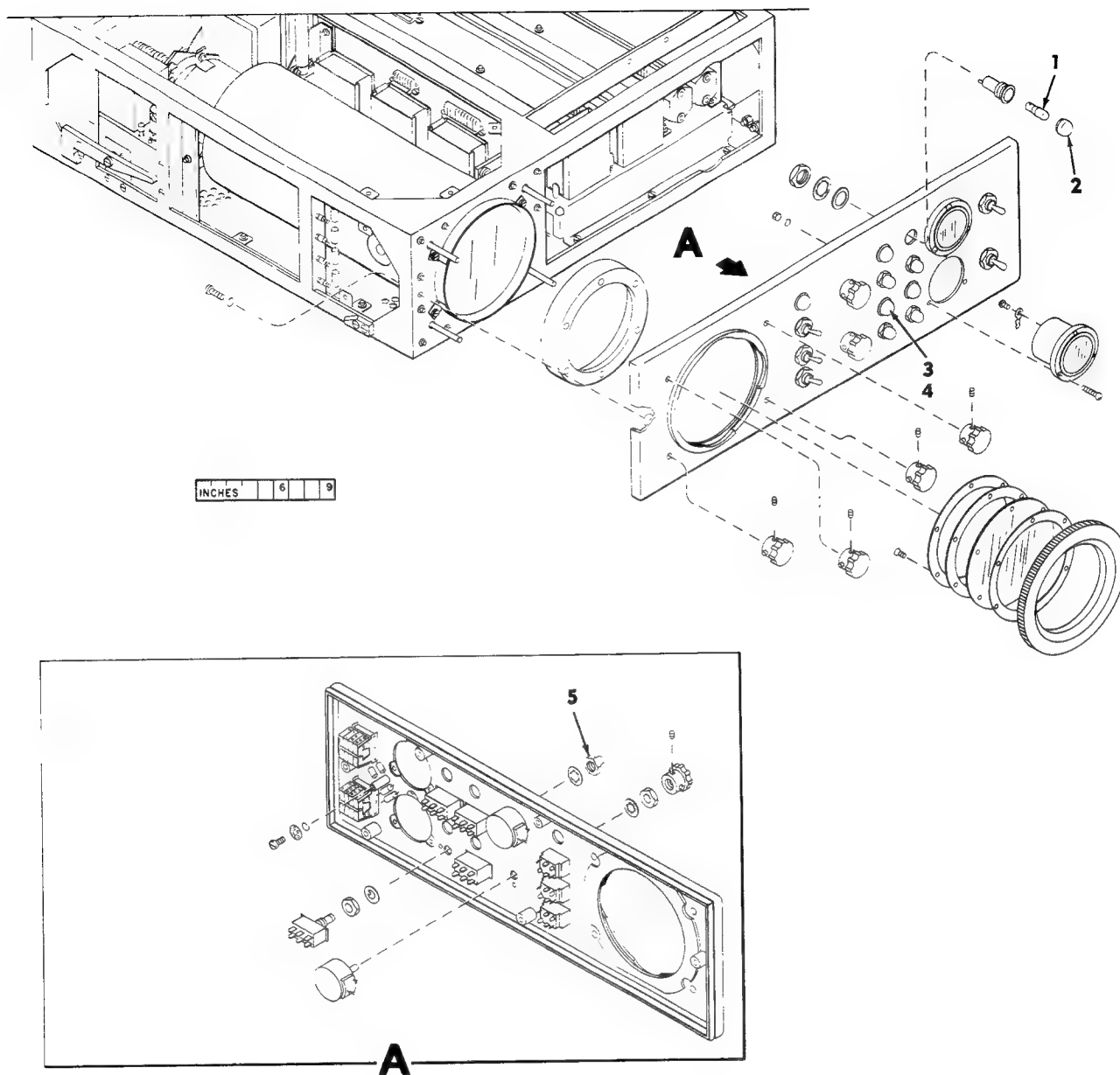
Figure 267. Amplifier, electronic control (9995950)—partial exploded view



ORD G78676

1 ELECTRON TUBE 5A6P1

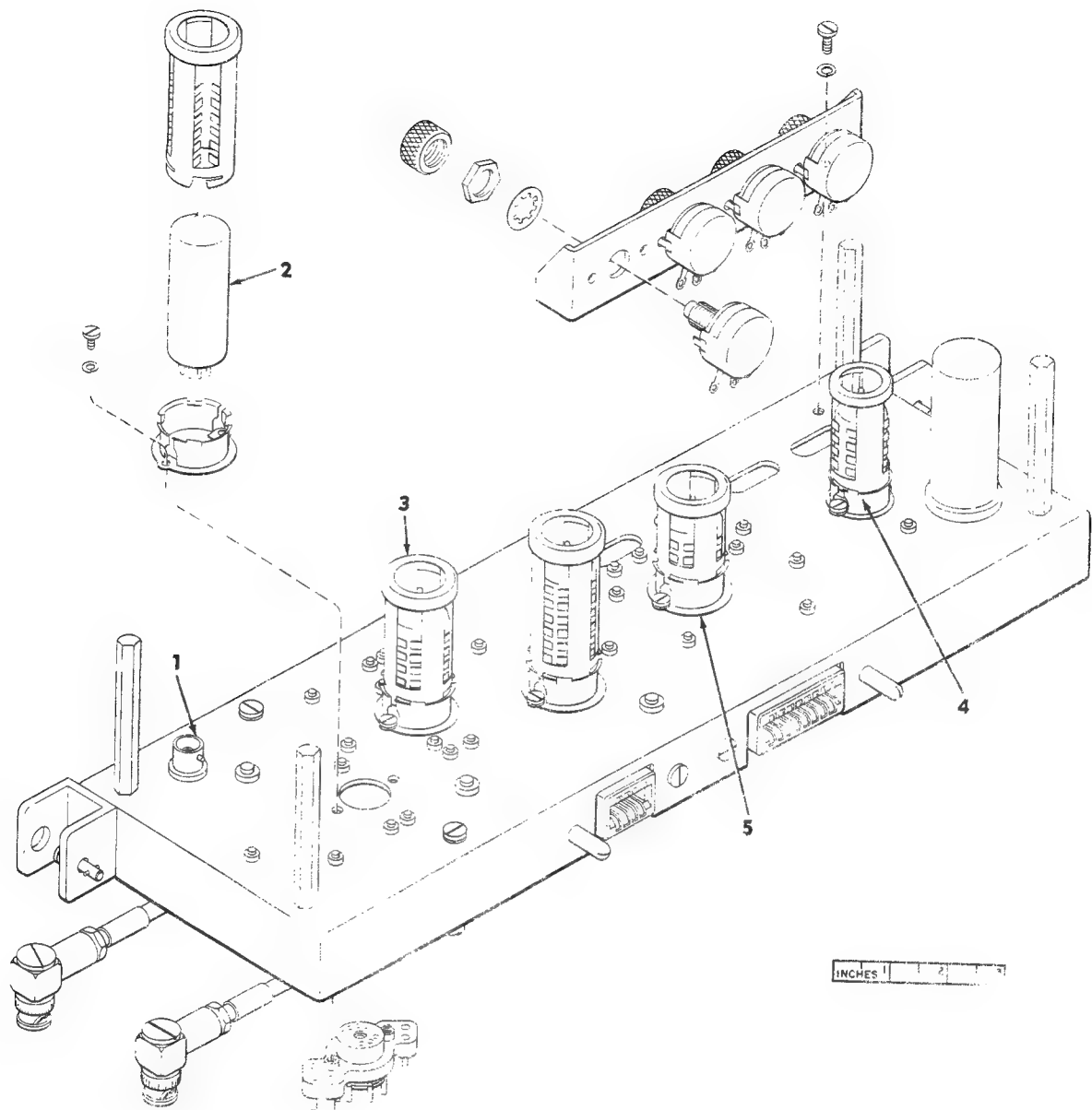
Figure 270. Control indicator (9139490)—partial exploded view



ORD G284330

- |   |      |               |
|---|------|---------------|
| 1 | LAMP | 9976102       |
| 2 | LENS | 8175030       |
| 3 | LAMP | MS-25231-1819 |
| 4 | LENS | 8175031       |
| 5 | BOOT | 9017174       |

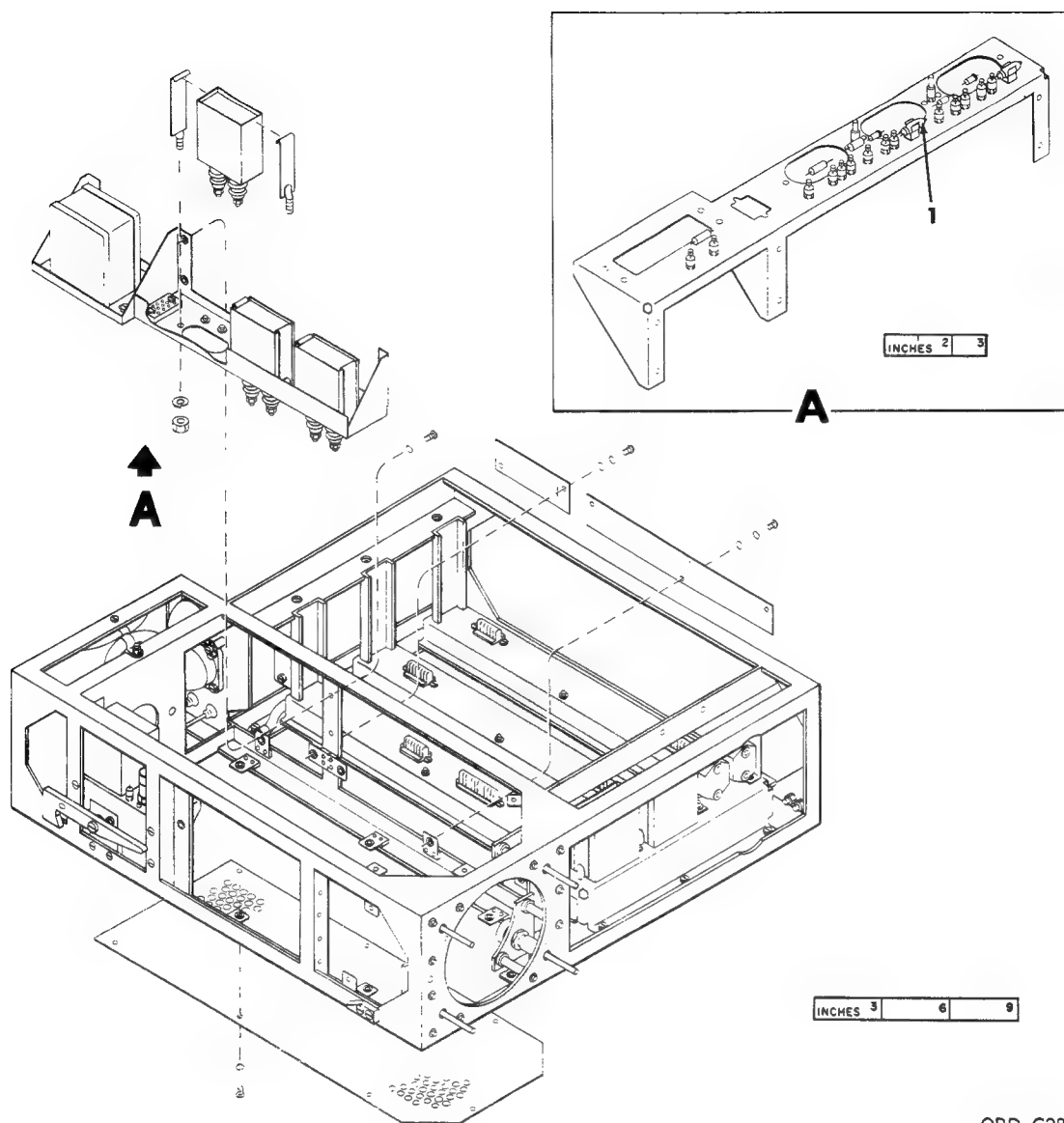
Figure 269. Control indicator (9139490)—partial exploded view



ORD G284332

- 1 CONNECTOR MC-27035-025B
- 2 ELECTRON TUBE 6CL6
- 3 ELECTRON TUBE 5687WA
- 4 ELECTRON TUBE 6AH6
- 5 ELECTRON TUBE 5670

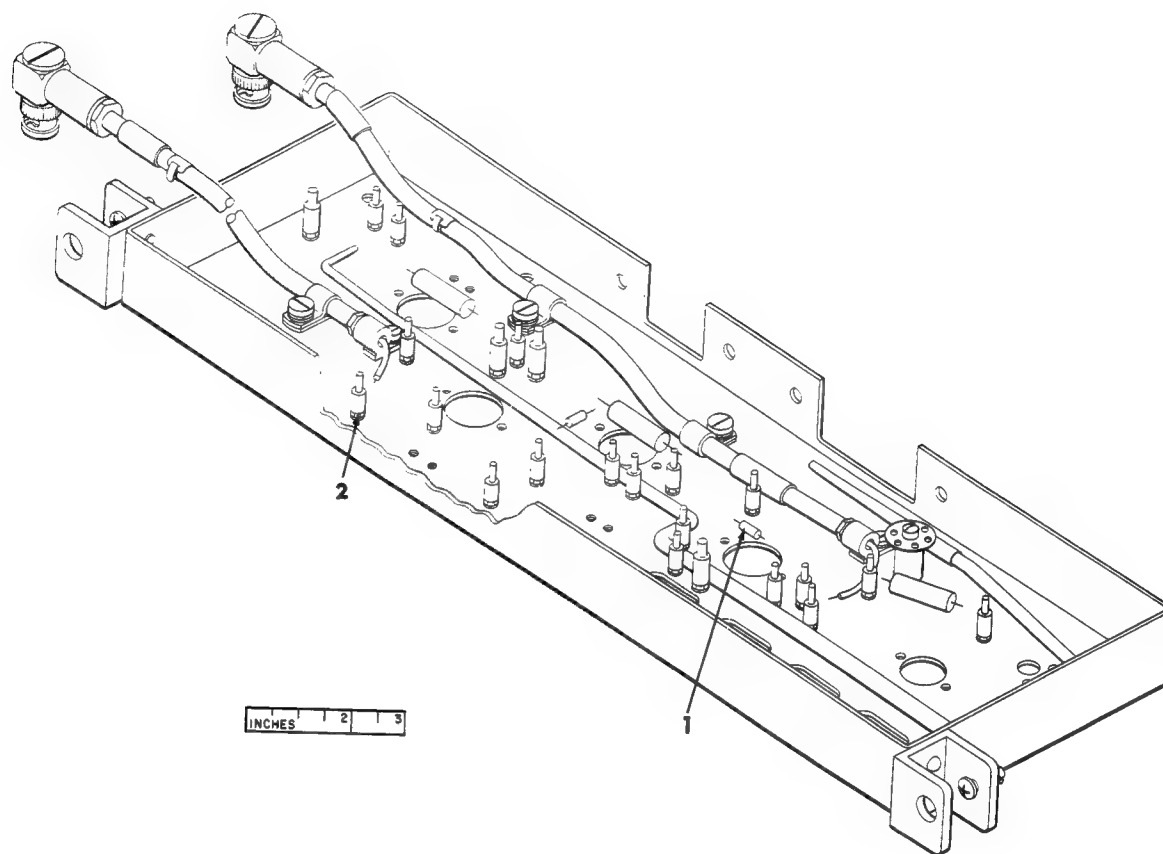
Figure 272. Amplifier, video (9139125)—partial exploded view



ORD G284331

1 LAM: Mf-2A

Figure 271. Control indicator (9139490)—partial exploded view

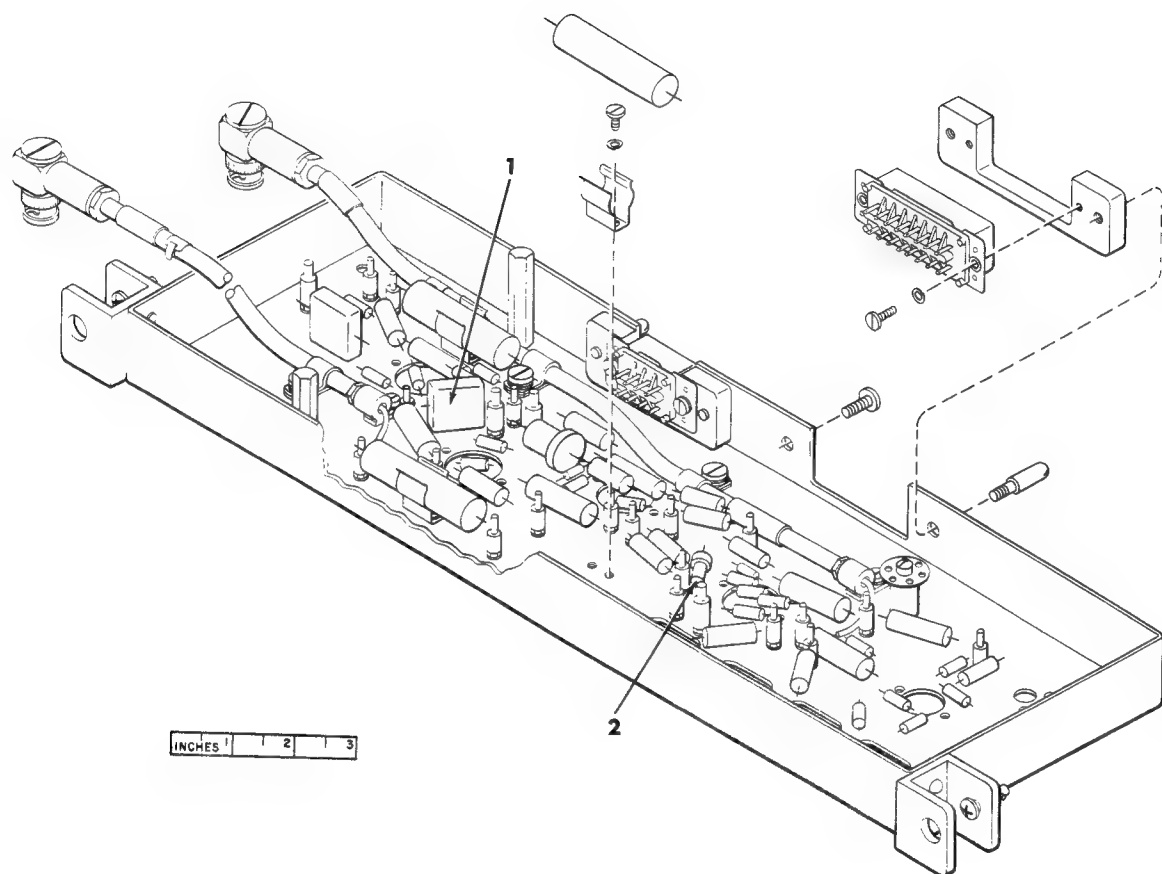


ORD G284334

- 1 CRYSTAL UNIT 8024445
- 2 TERMINAL 7598949

Figure 274. Amplifier, video (9139125)—partial exploded view

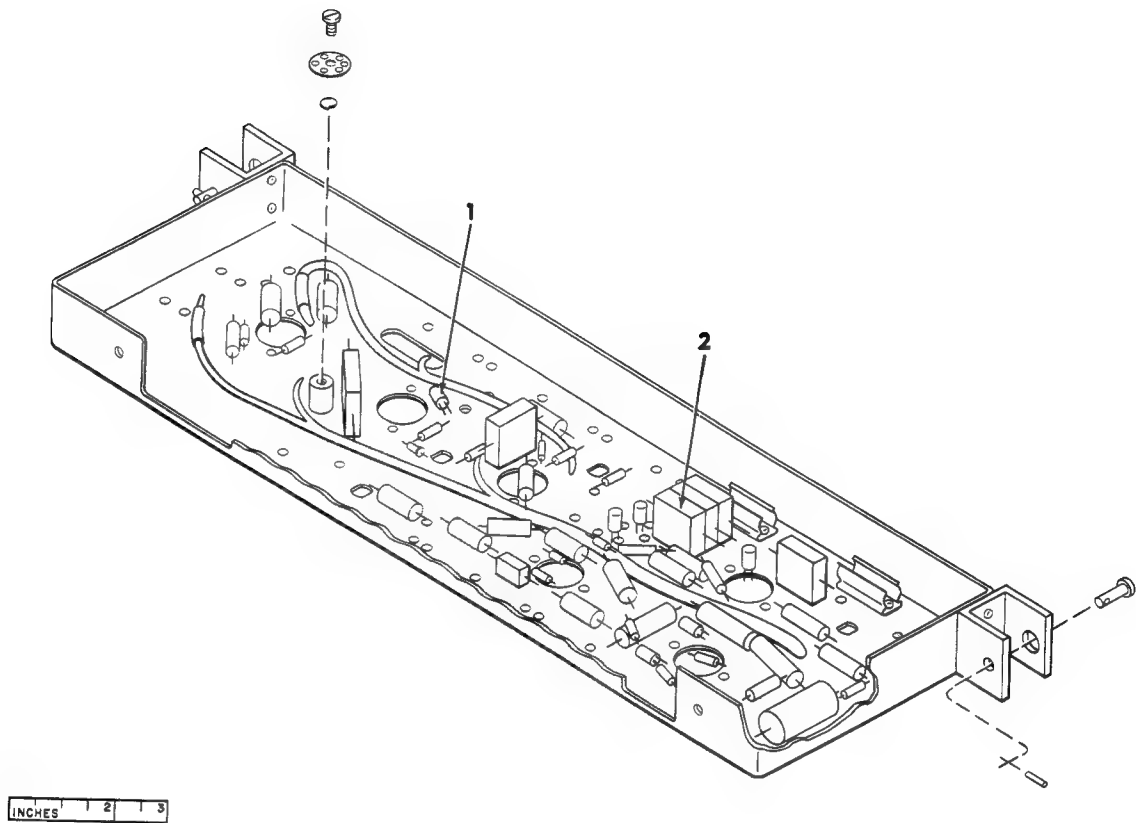




ORD G284333

- 1 CAPACITOR CM35E1.41
- 2 CAPACITOR 802343

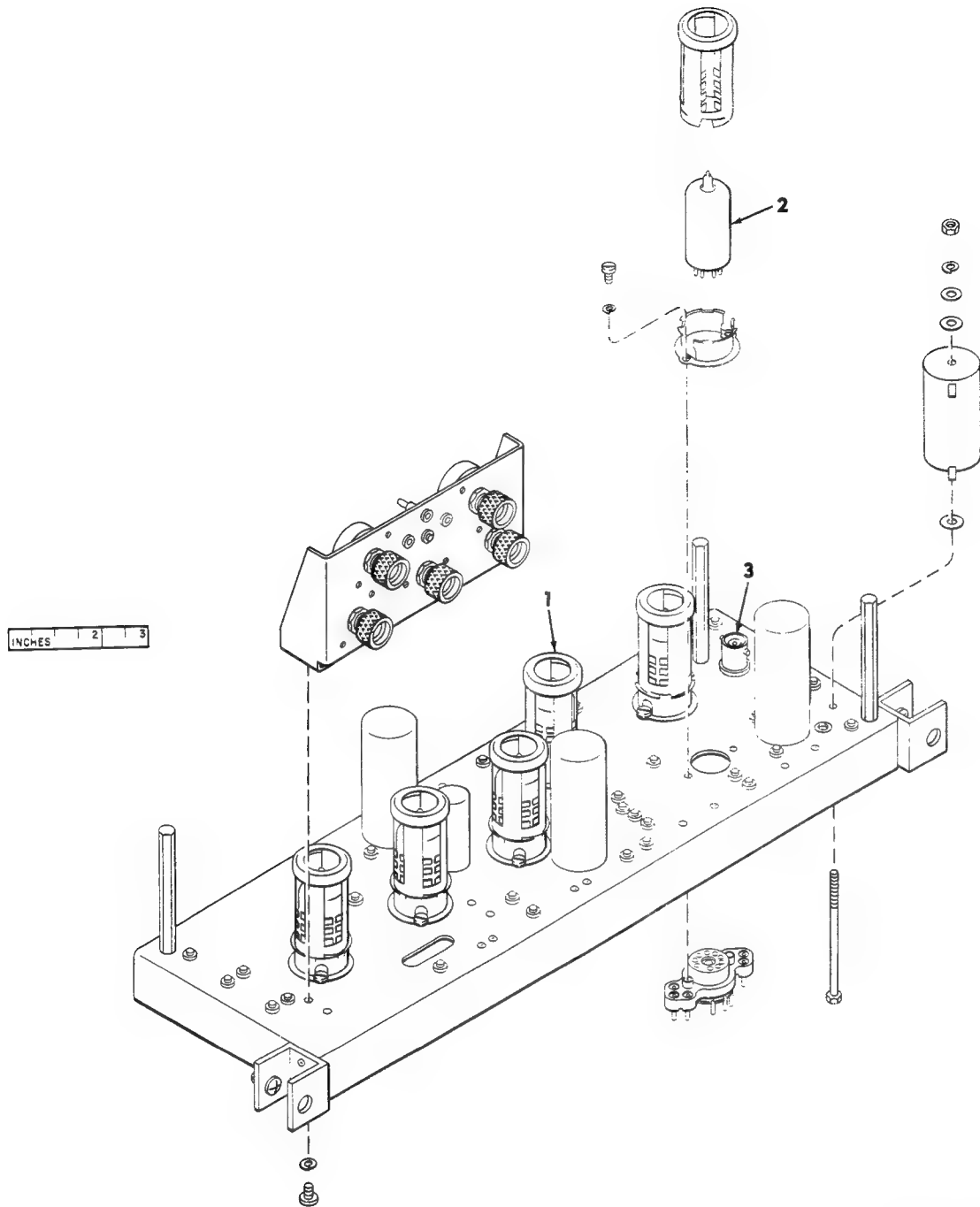
Figure 273. Amplifier, video (9139125)—partial exploded view



ORD G284336

- 1 CRYSTAL UNIT 8024445
- 2 CAPACITOR CM35E103J

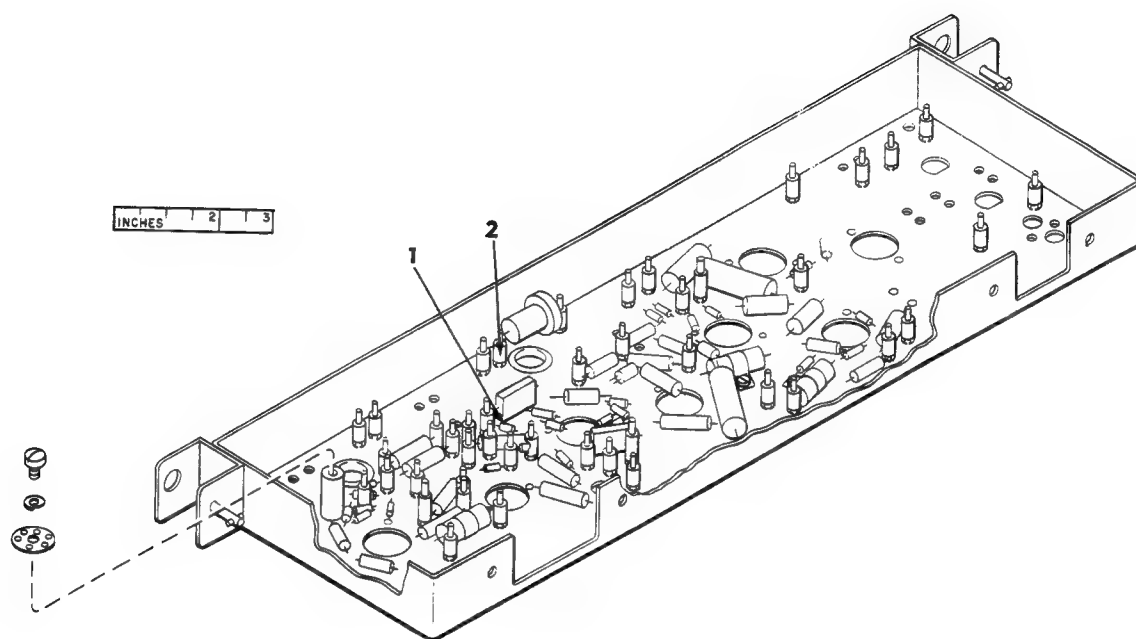
Figure 276. Generator, pulse sweep (9139349)—partial exploded view



- 1 ELECTRON TUBE 5687WA
- 2 ELECTRON TUBE 5814A
- 3 CONNECTOR MS-27035-625B

ORD G284335

Figure 275. Generator, pulse sweep (9139349)—partial exploded view



ORD G284338

- 1 CRYSTAL UNIT 8024445
- 2 TERMINAL 7598949

Figure 278. Generator (9139336)—partial exploded view

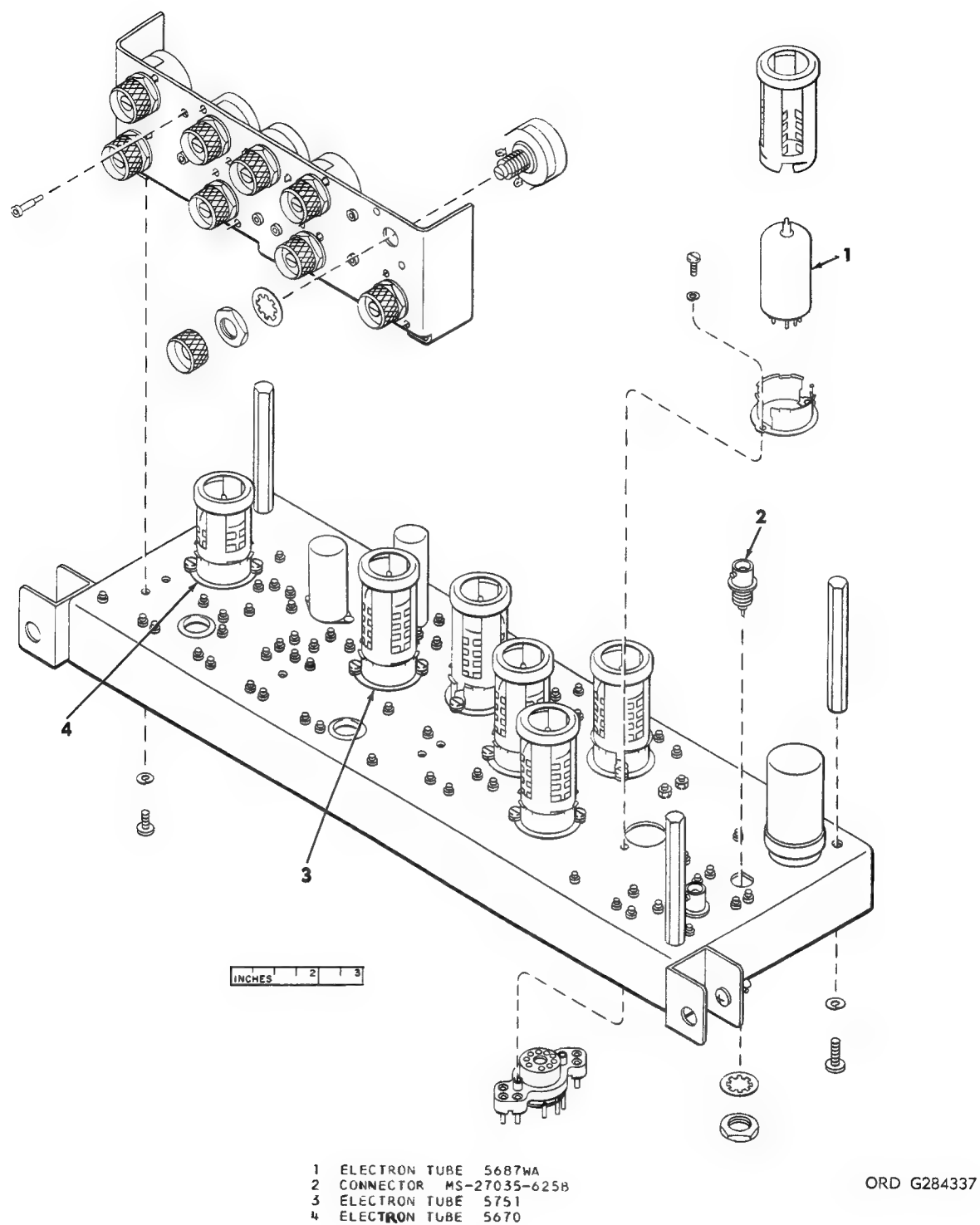
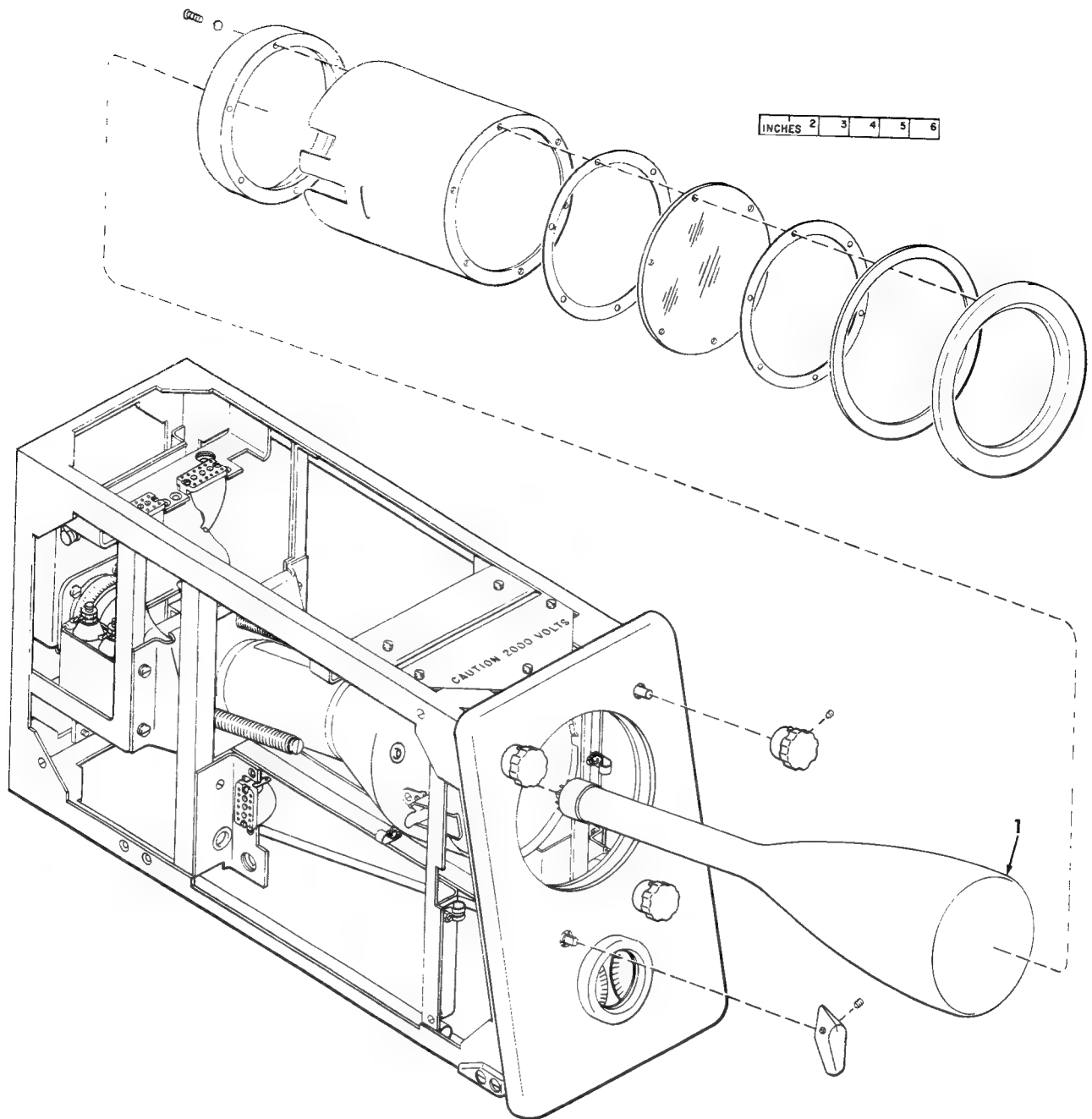


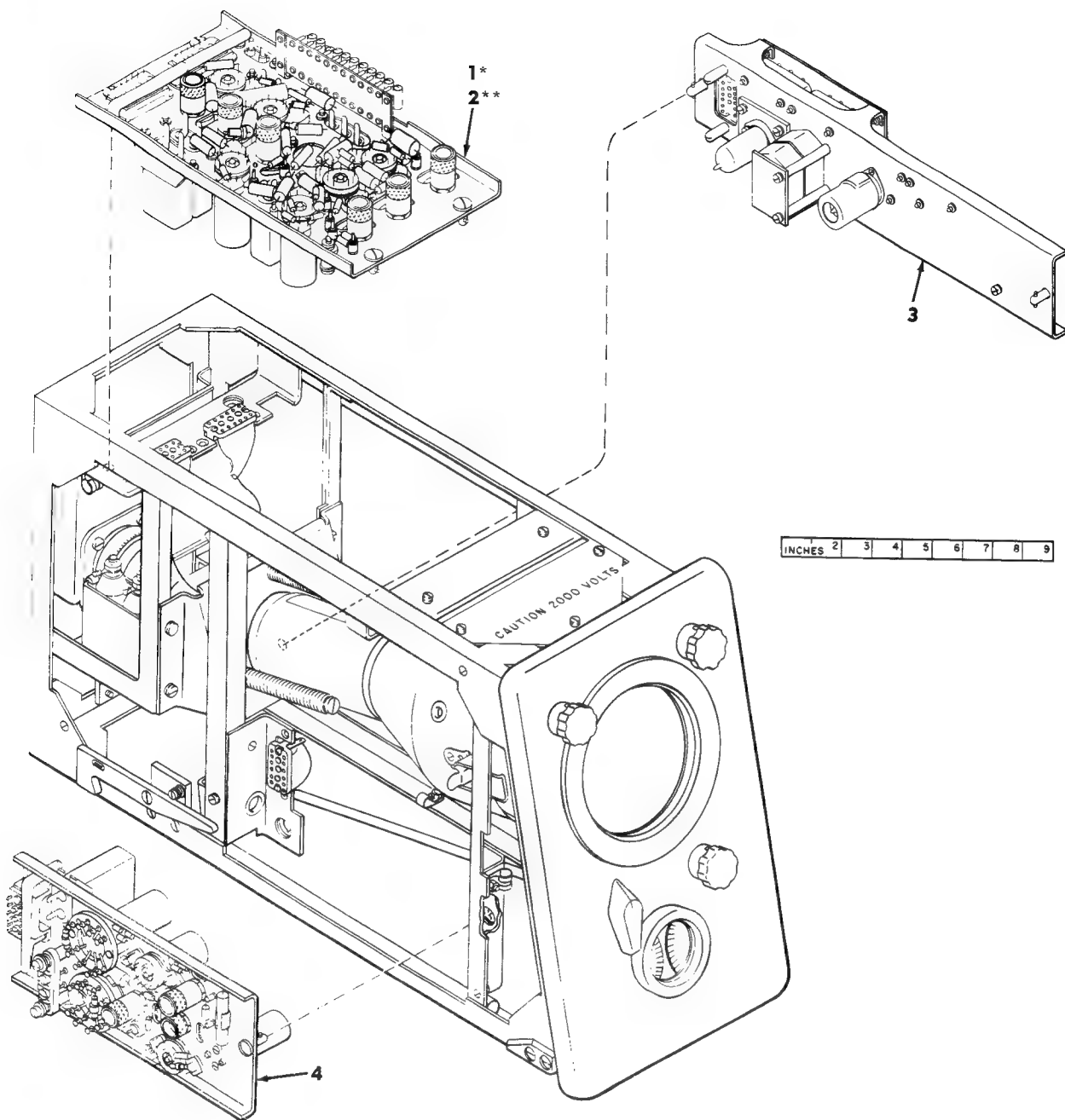
Figure 277. Generator (9139336)—partial exploded view



ORD G78681

1 ELECTRON TUBE 5ADP1

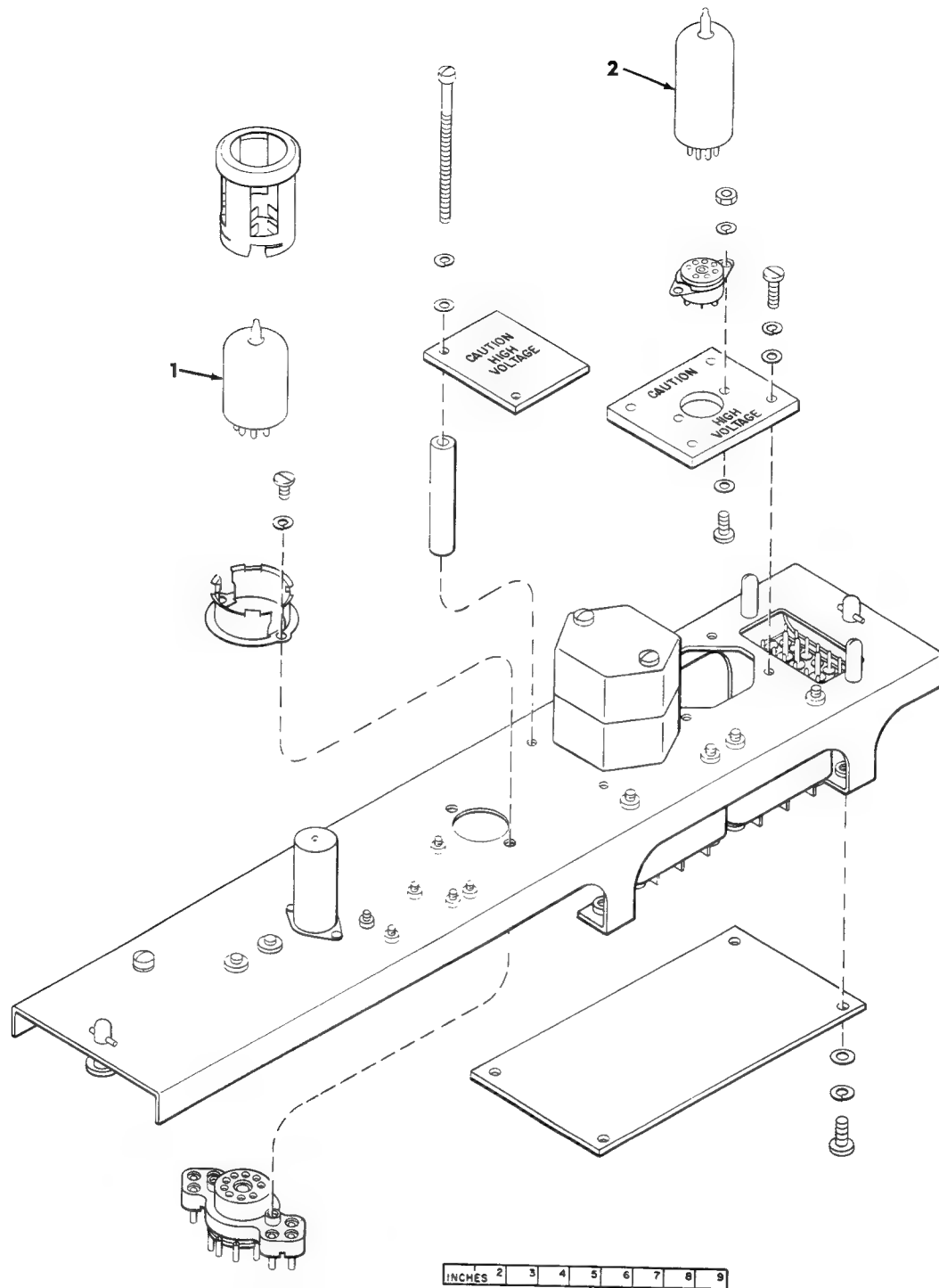
Figure 280. Indicator, azimuth and indicator, elevation (9143731 and 9143732)—  
partial exploded view



ORD G78680

- |   |           |         |                          |
|---|-----------|---------|--------------------------|
| 1 | GENERATOR | 9998462 | * FOR INDICATOR 9143731  |
| 2 | GENERATOR | 9143848 | ** FOR INDICATOR 9143732 |
| 3 | AMPLIFIER | 9156311 |                          |
| 4 | AMPLIFIER | 9136917 |                          |

Figure 279. Indicator, azimuth and indicator, elevation (9143731 and 9143732)—partial exploded view

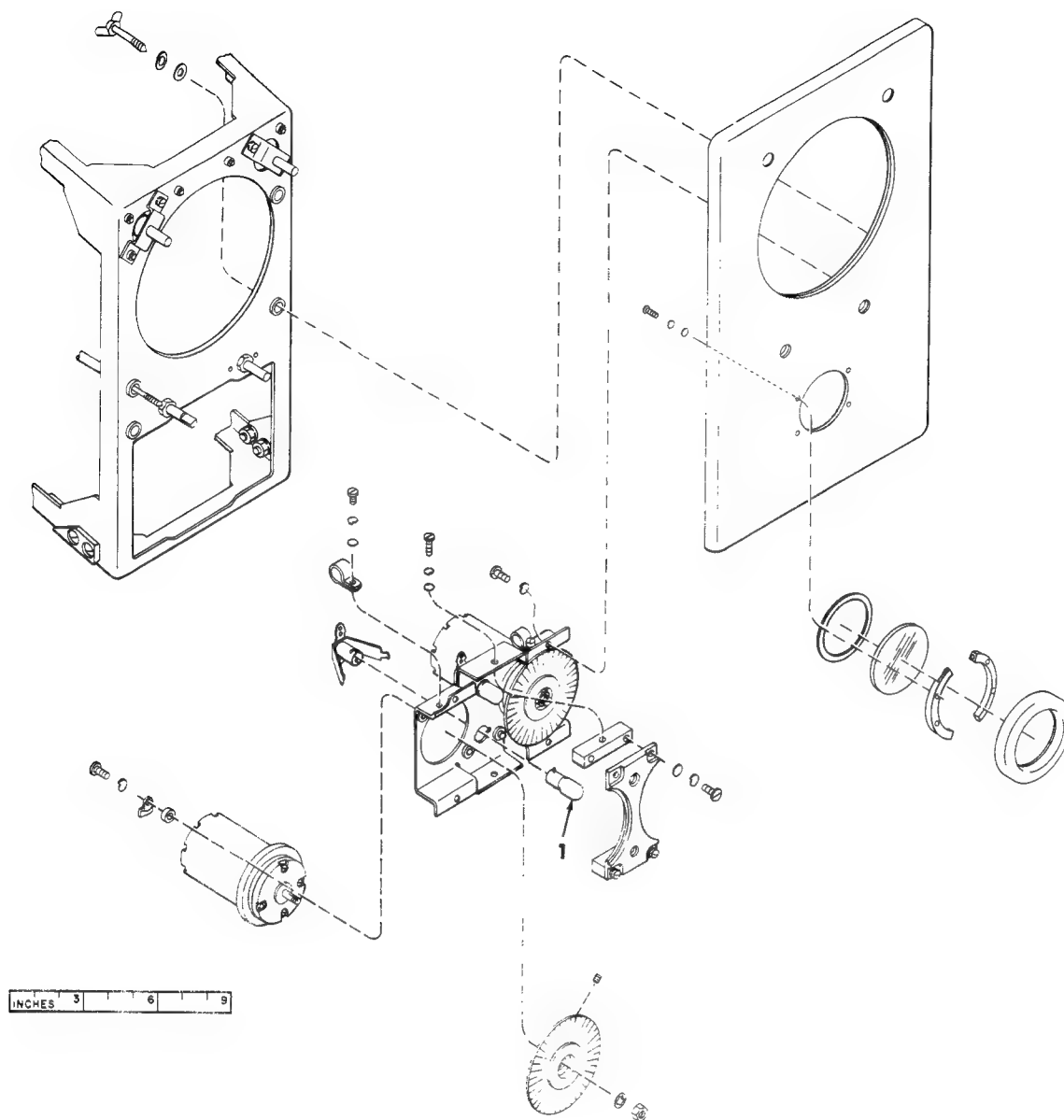


ORD G284340

- 1 ELECTRON TUBE 5670
- 2 ELECTRON TUBE 5726/6AL5W

Figure 282. Amplifier, electronic control (9156311)—partial exploded view

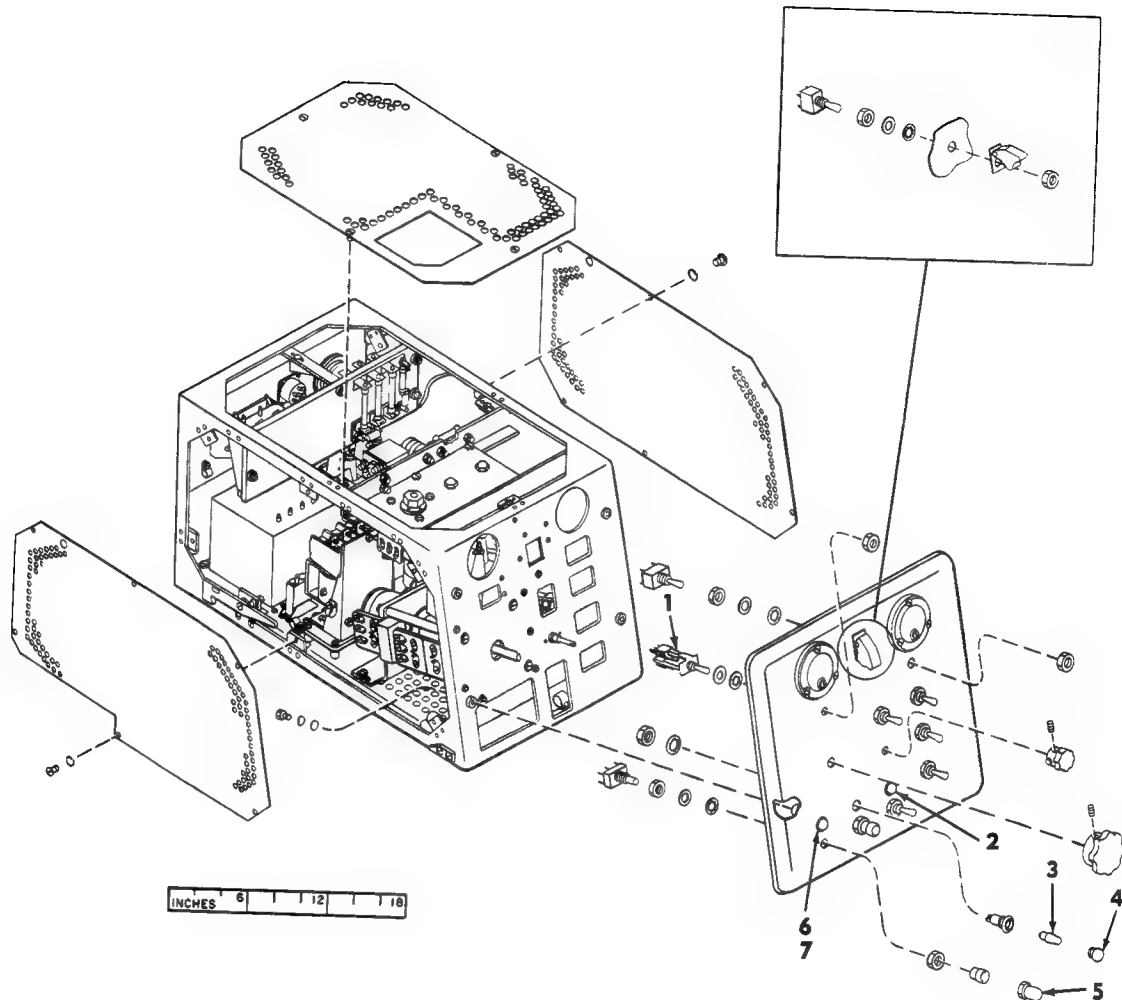




ORD G284339

1 LAMP MS-15571-2

Figure 281. Indicator, azimuth and indicator, elevation (9143731 and 9143732)—partial exploded view

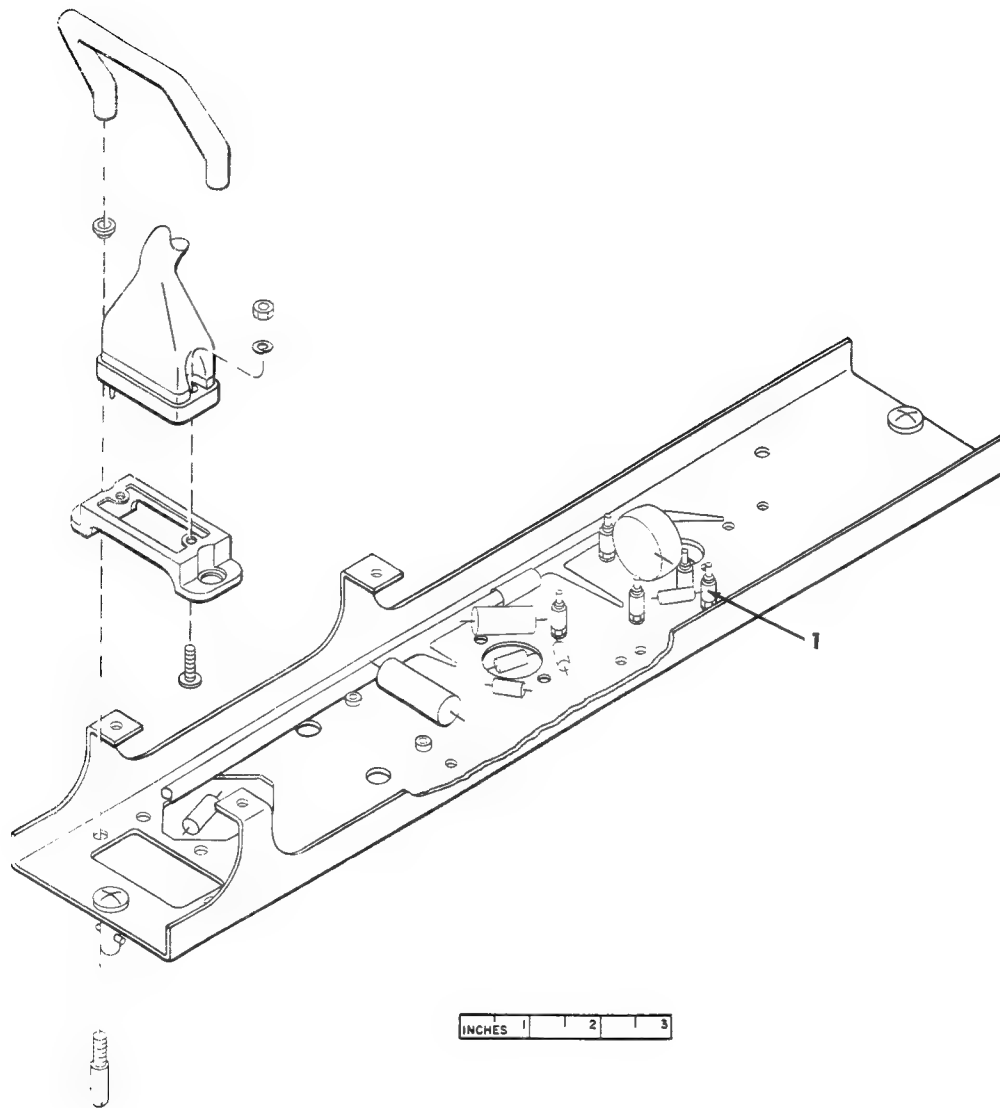


ORD G284341

- 1 SWITCH 8175304
- 2 LENS 7600003
- 3 LAMP 7605718
- 4 LENS 8328096

- 5 BOOT 9017174
- 6 LAMP MS-25231-1819
- 7 LENS 8175032

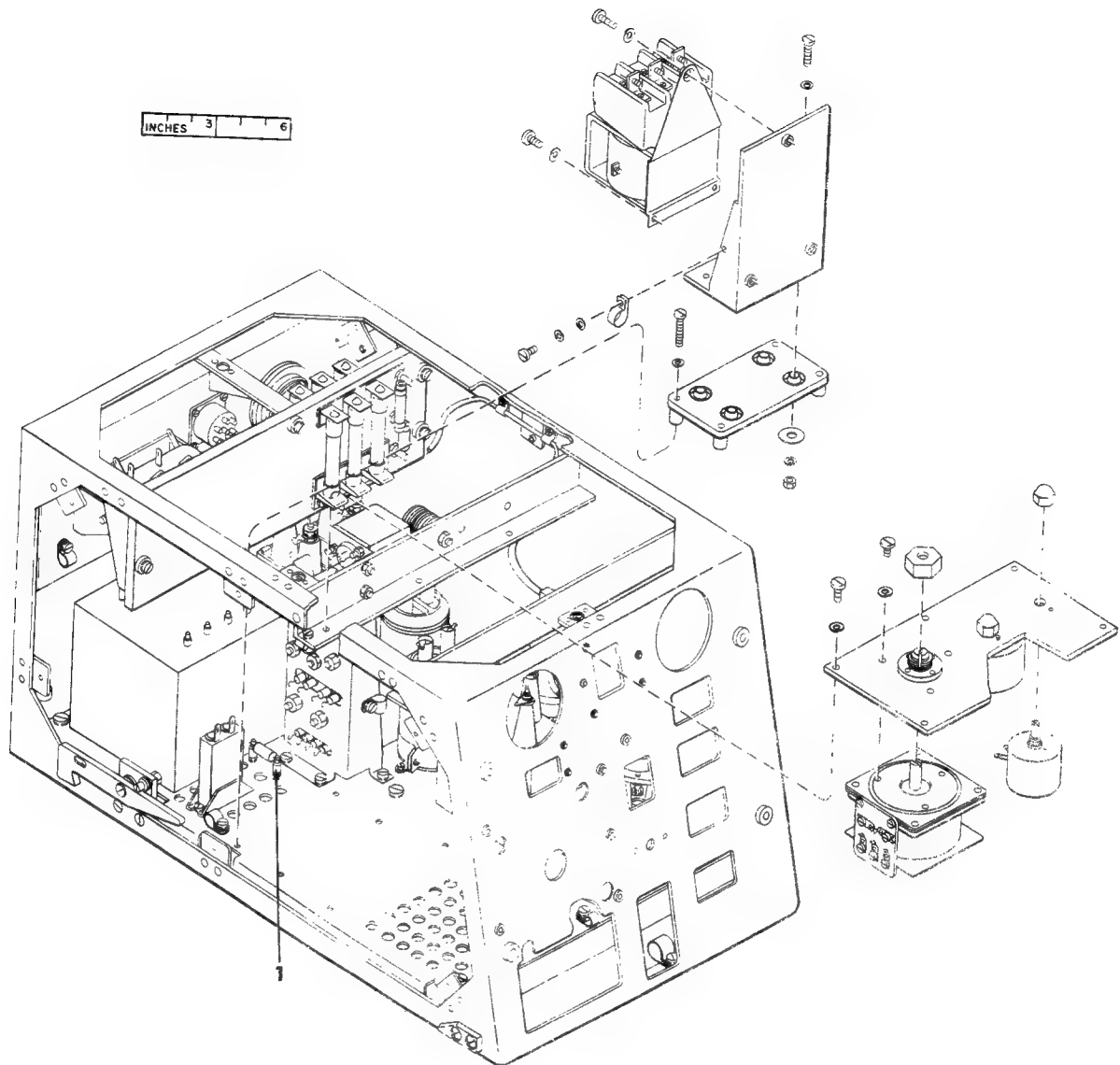
Figure 284. Control-power supply (9988701)—partial exploded view



ORD G260068

1 TERMINAL 7598949

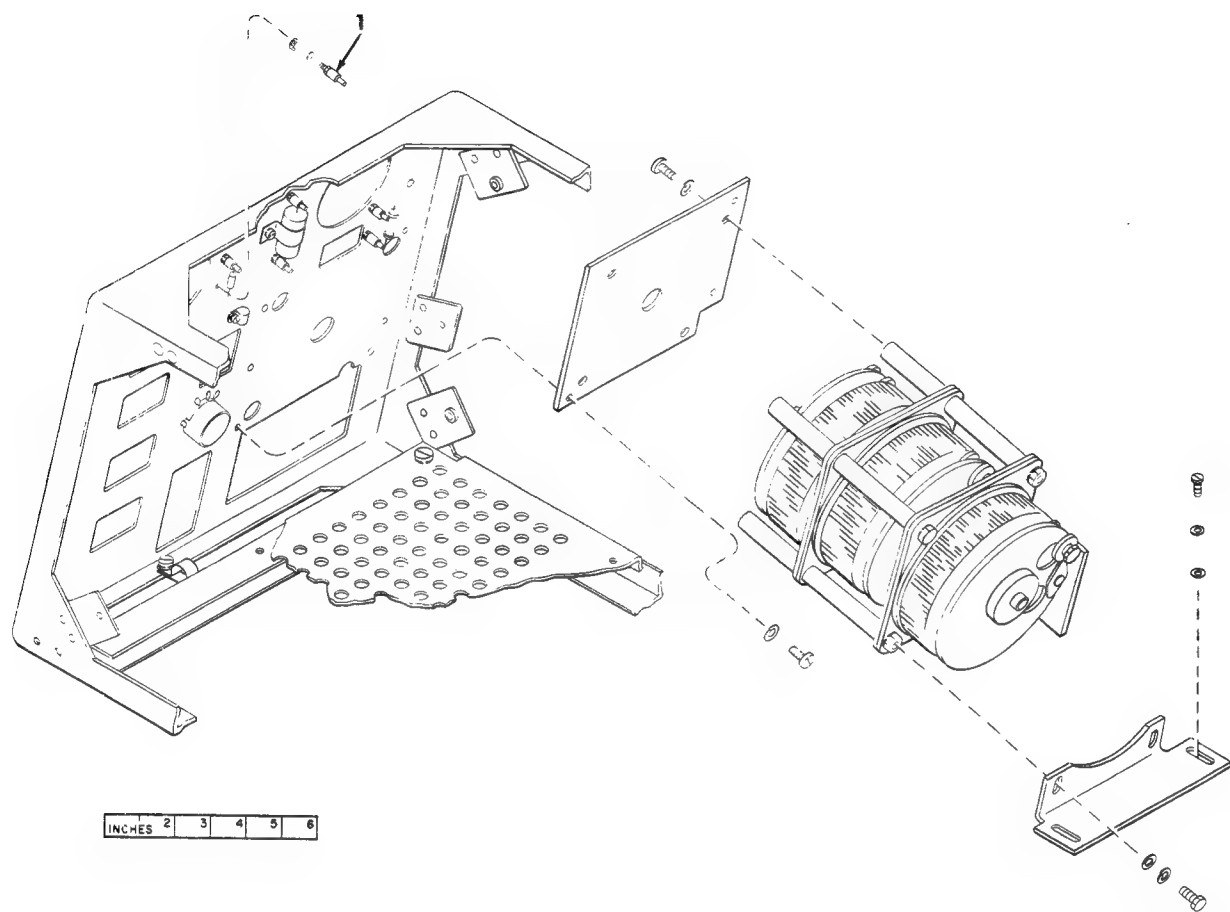
Figure 283. Amplifier, electronic control (9156311)—partial exploded view



ORD G284343

1 TERMINAL 7598949

Figure 286. Control-power supply (9985701)—partial exploded view



ORD G284342

Figure 285. Control-power supply (9988701)—partial exploded view

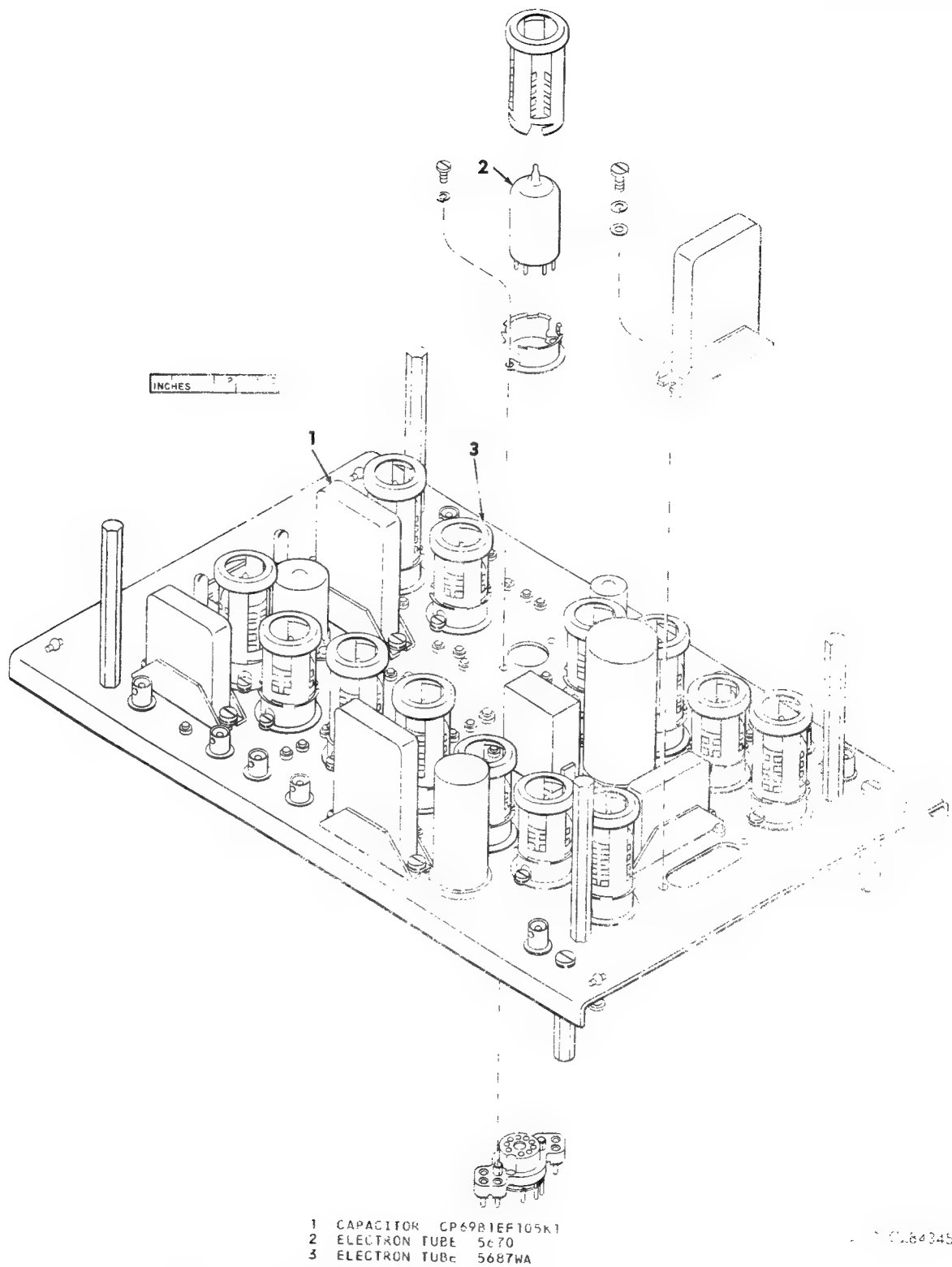
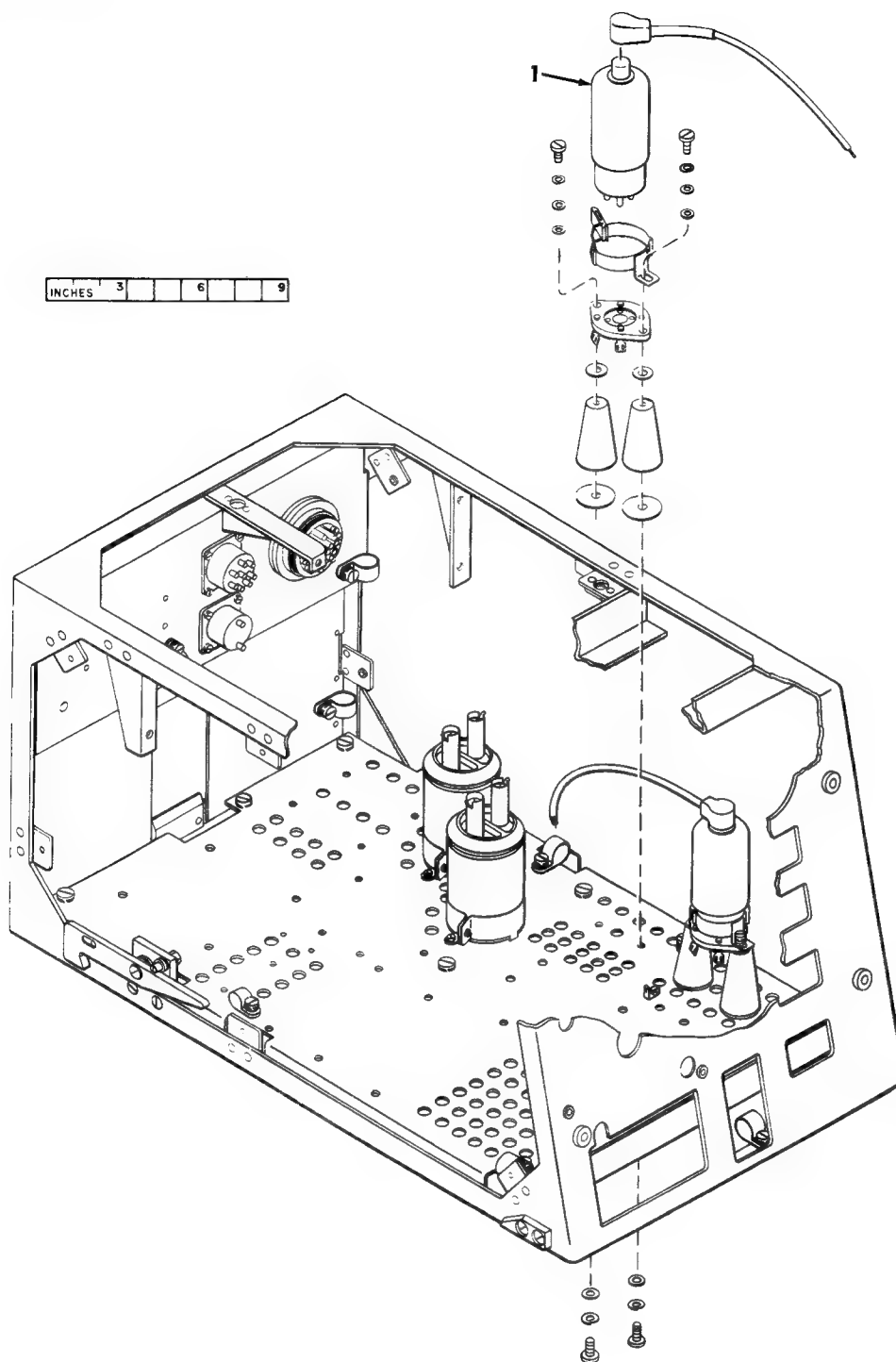


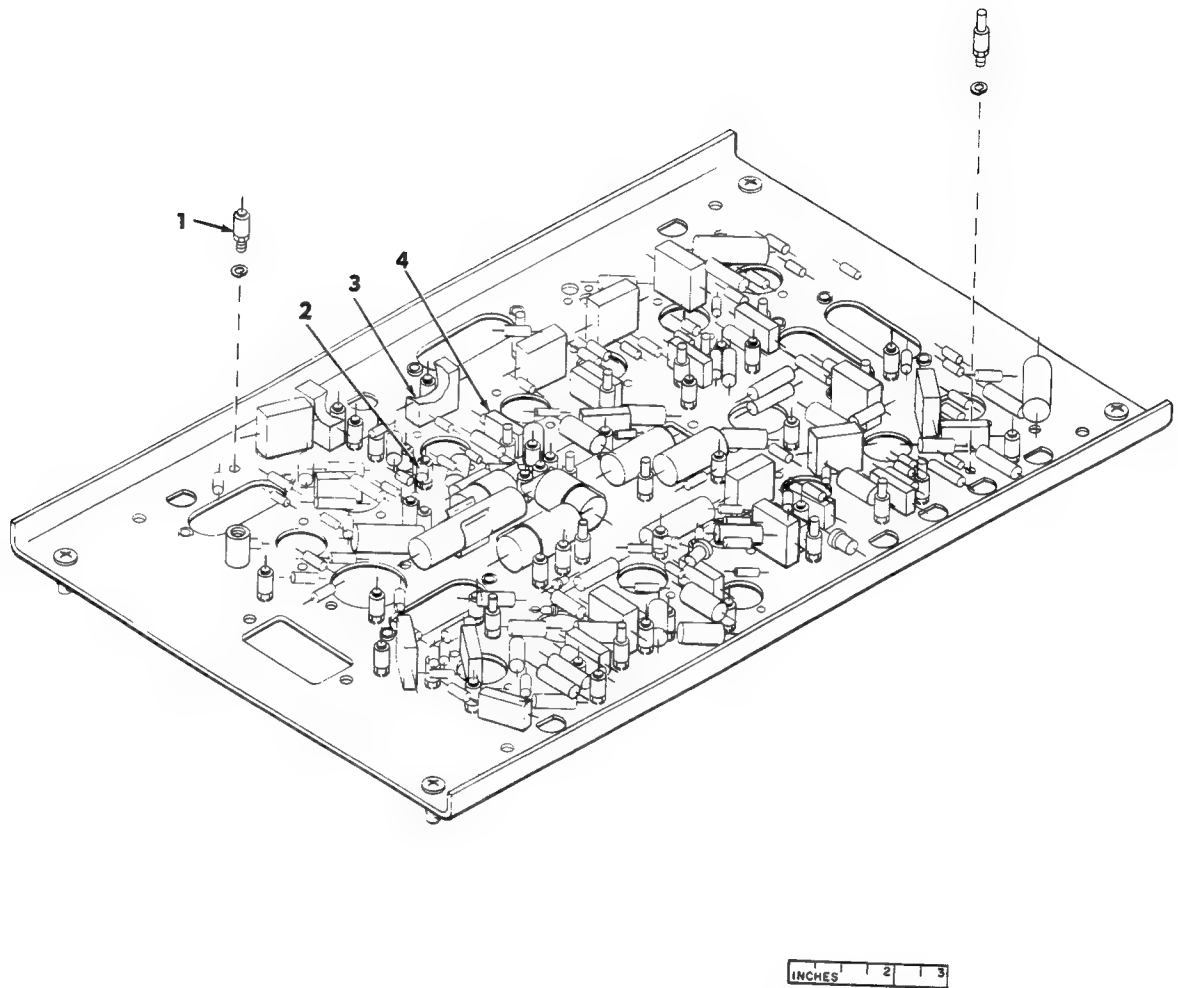
Figure 285. Amplifier, trigger pulse-video (9986339) — partial exploded view



ORD G284344

1 ELECTRON TUBE 3B24WA

Figure 287. Control-power supply (9988701)—partial exploded view

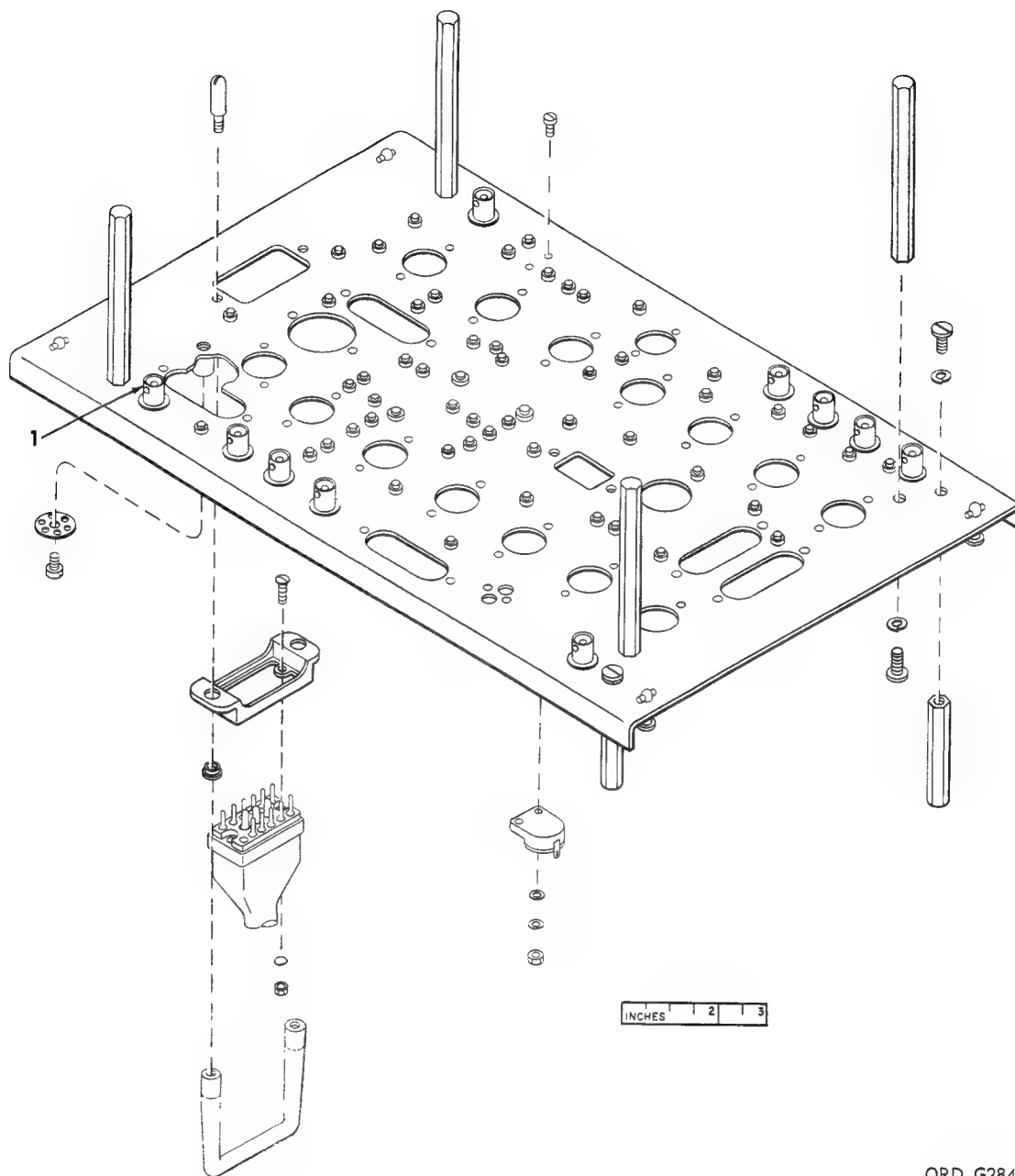


ORD G284347

- 1 TERMINAL 7598949
- 2 SEMICONDUCTOR DEVICE  
IN198
- 3 CAPACITOR CM35E103J
- 4 CAPACITOR CM20C820JP3

Figure 290. Amplifier, trigger pulse-video (9986339)—partial exploded view

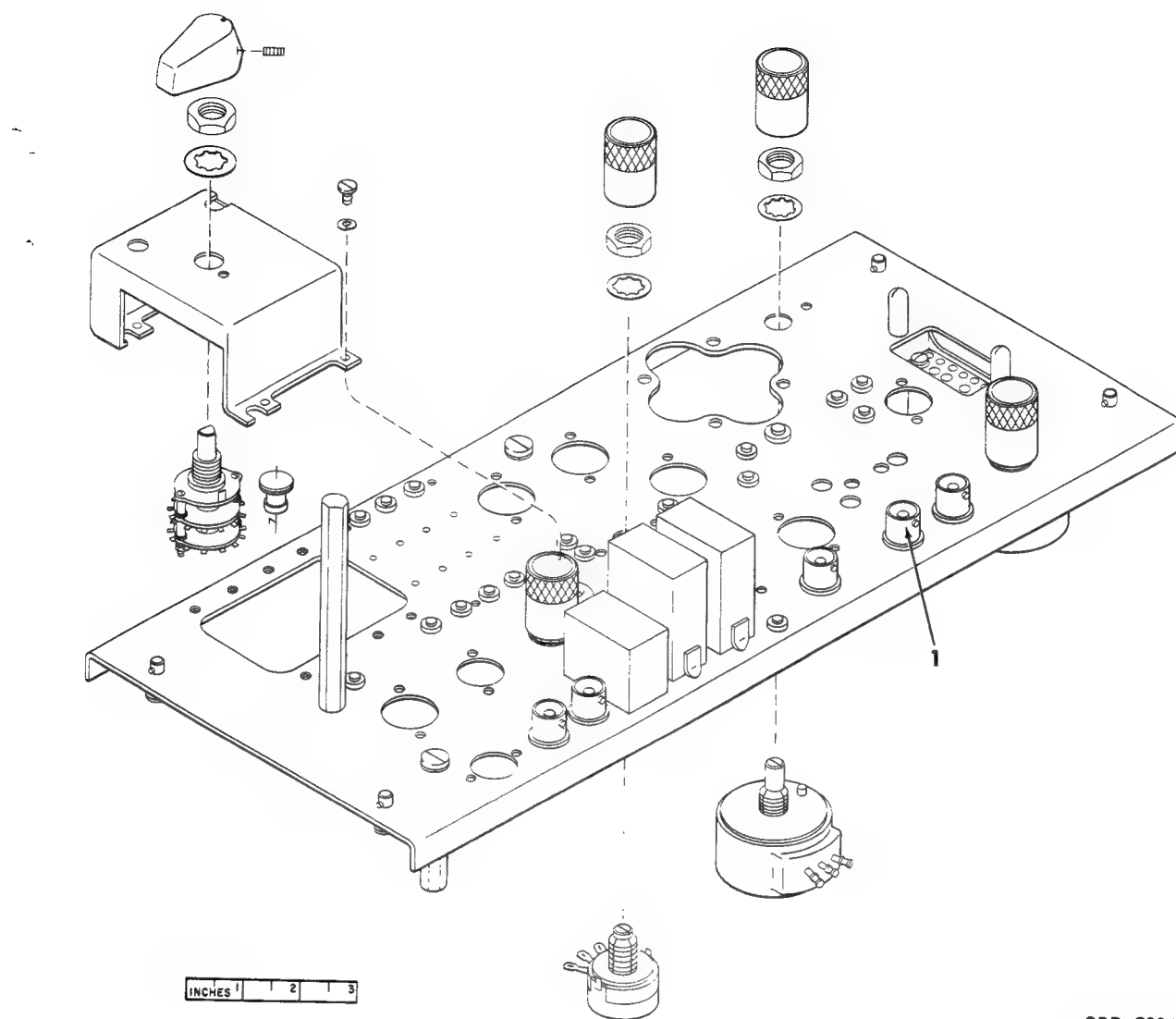




ORD G284346

1 CONNECTOR MS-27035-6/5B

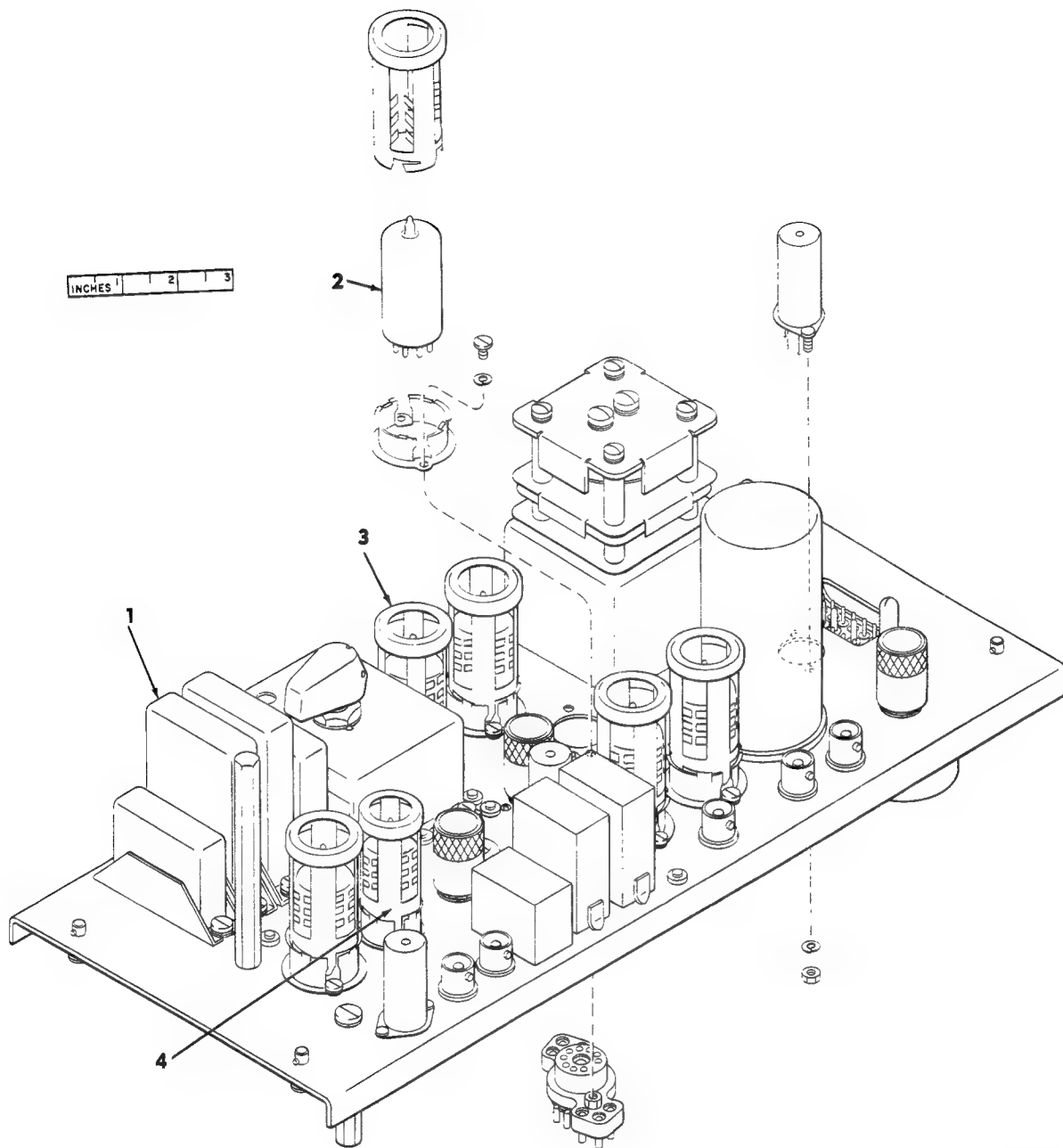
Figure 289. Amplifier, trigger pulse-video (9986339)—partial exploded view



ORD G284349

1 CONNECTOR MS-27035-625B

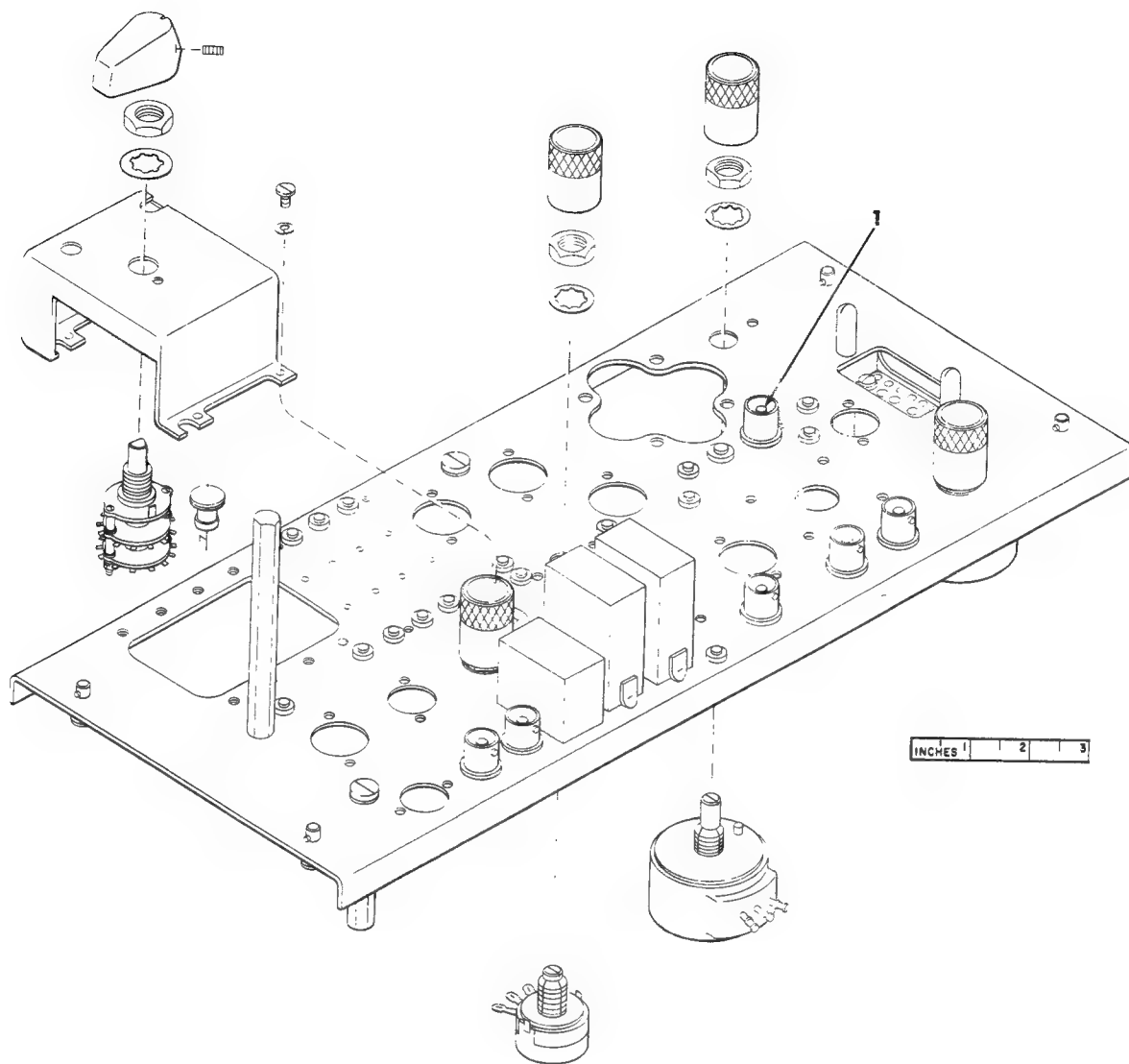
Figure 292. Synchronizer, electrical (9144786)—partial exploded view



ORD G284348

- 1 CAPACITOR CP69B1EF105K1
- 2 ELECTRON TUBE 5687WA
- 3 ELECTRON TUBE 5814A
- 4 ELECTRON TUBE 6AU6WB

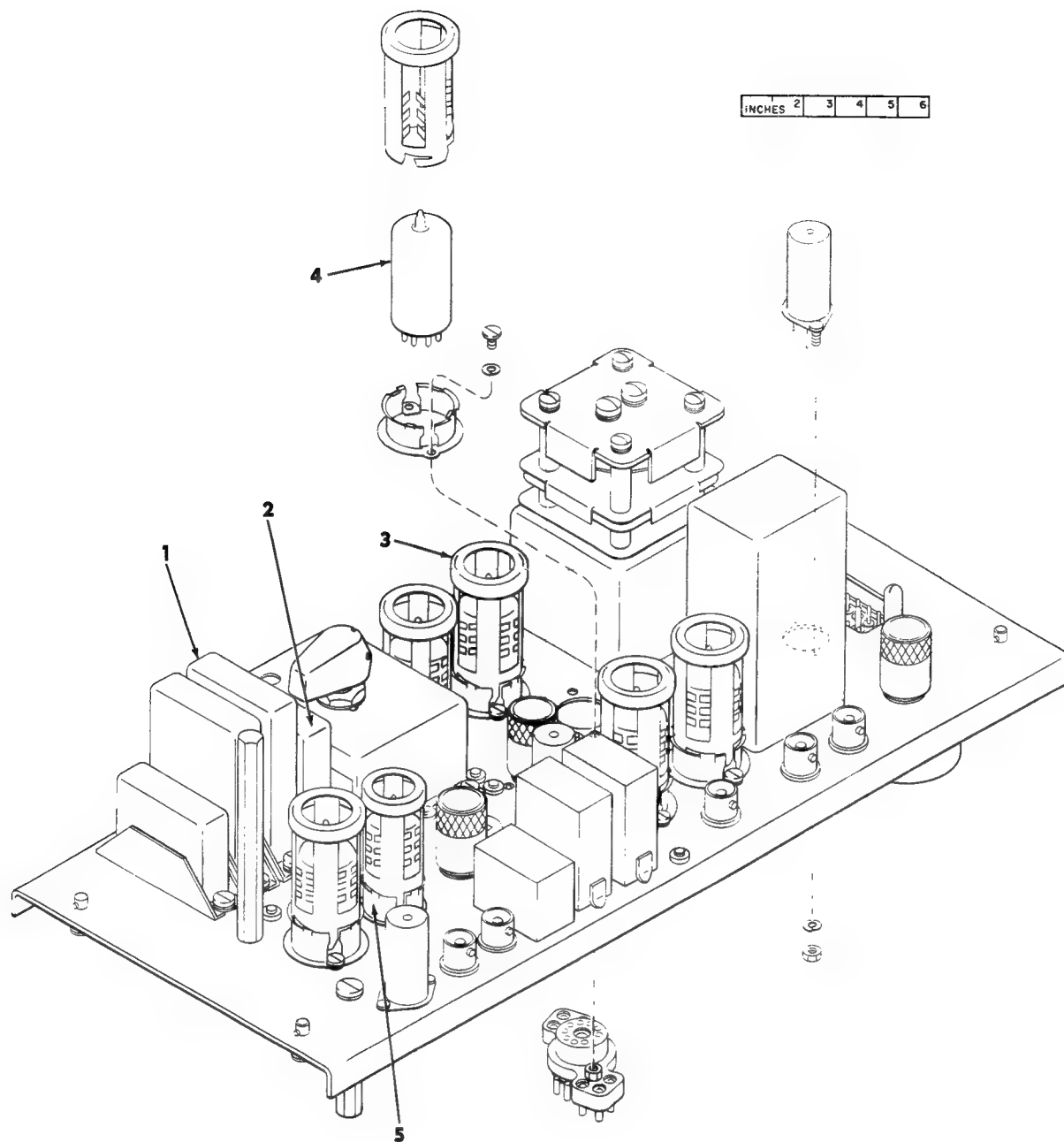
Figure 291. Synchronizer, electrical (9144786)—partial exploded view



ORD G284351

1 CONNECTOR MS-27035-625B

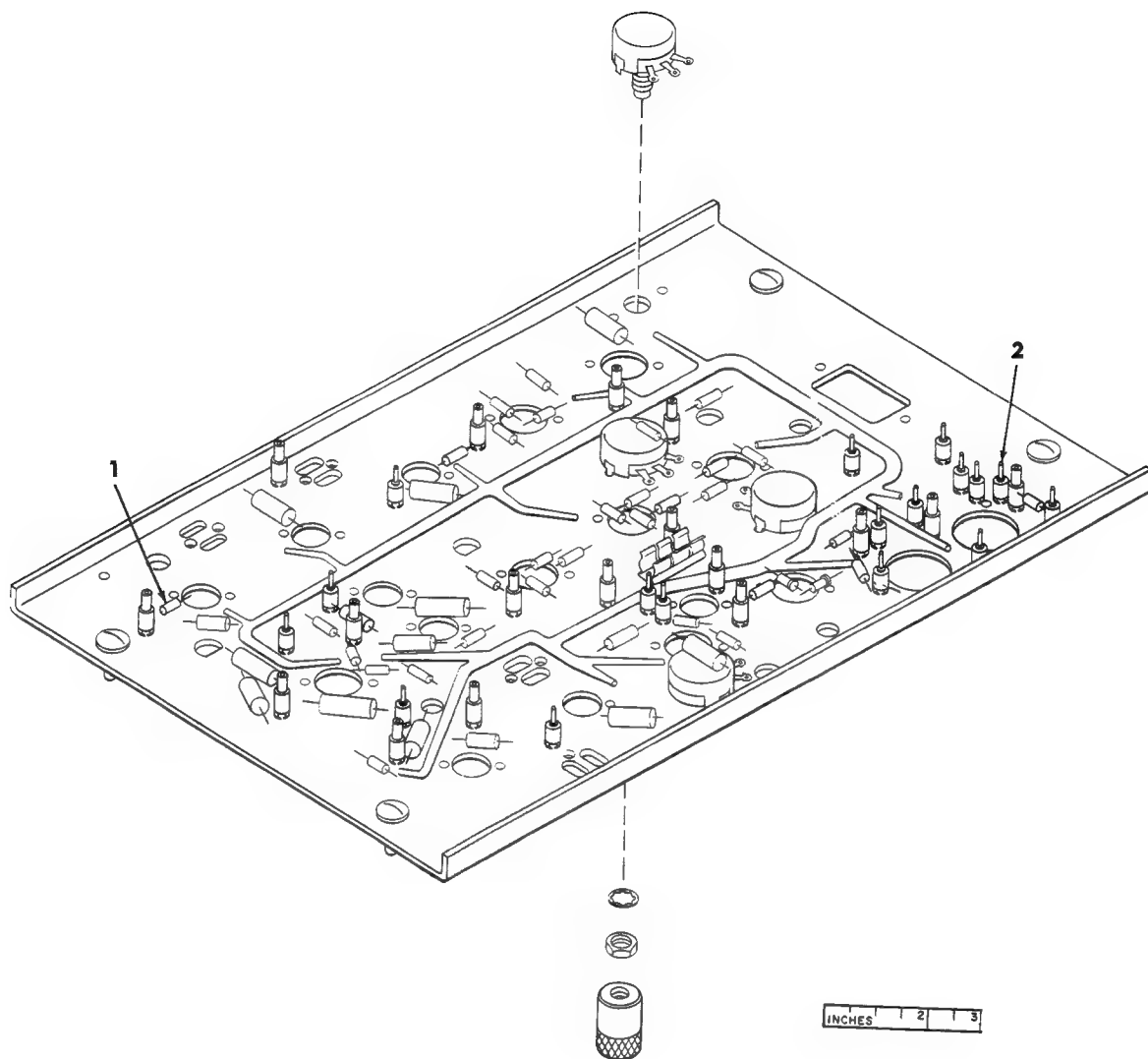
Figure 294. Synchronizer, electrical (9989392)—partial exploded view



ORD G284350

- 1 CAPACITOR CP69B1EF105K1
- 2 CAPACITOR CP69B4EF254V1
- 3 ELECTRON TUBE 5814A
- 4 ELECTRON TUBE 5687WA
- 5 ELECTRON TUBE 6AU6WB

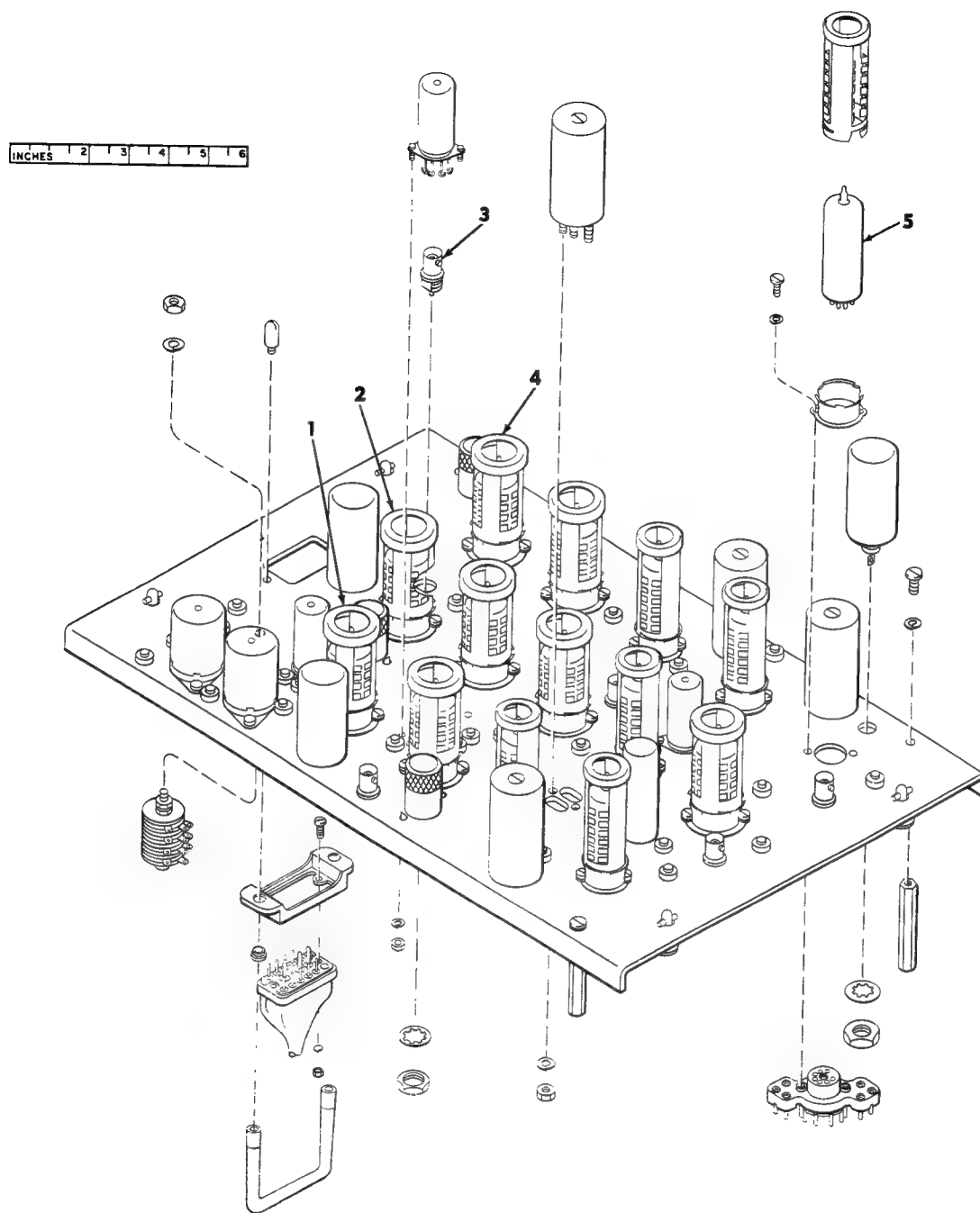
Figure 293. Synchronizer, electrical (9989392)—partial exploded view



ORD G284353

- 1 SEMICONDUCTOR DEVICE  
1N198
- 2 TERMINAL 7598949

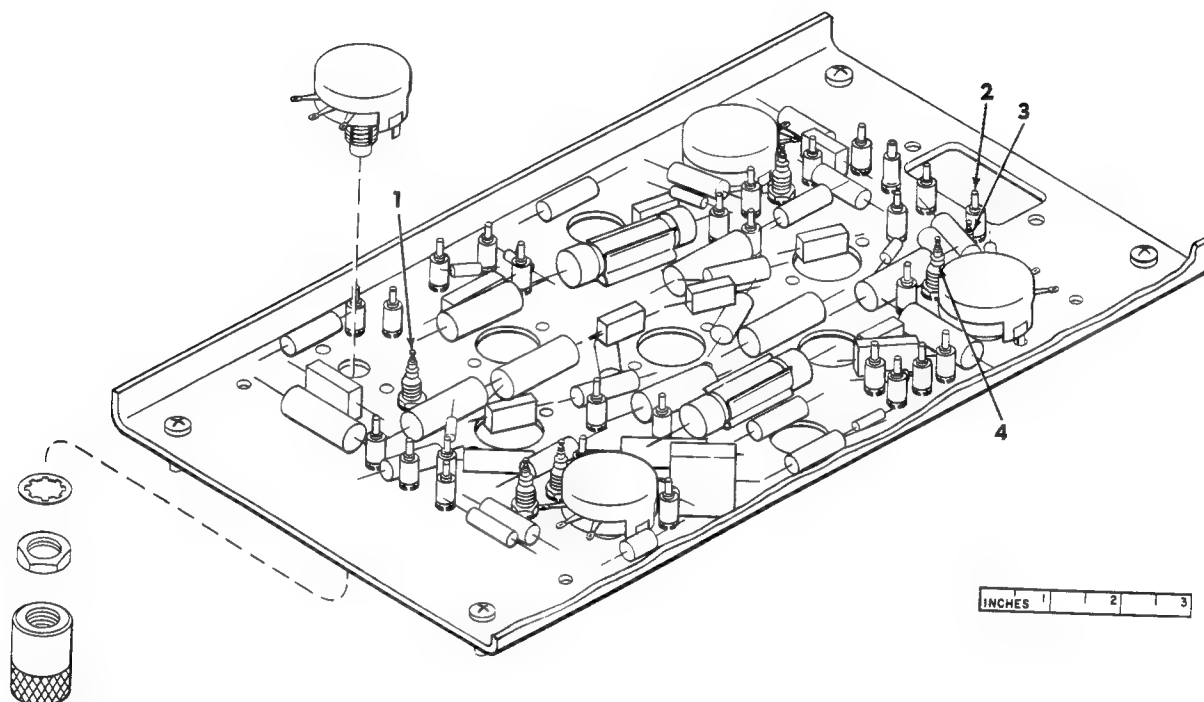
Figure 296. Generator, pulse (9144785)—partial exploded view



- 1 ELECTRON TUBE 12AT7WA
- 2 ELECTRON TUBE 5814A
- 3 CONNECTOR MS-27035-625B
- 4 ELECTRON TUBE 5687WA
- 5 ELECTRON TUBE 6005/6AQ5W

ORD G284352

Figure 295. Generator, pulse (9144785)—partial exploded view

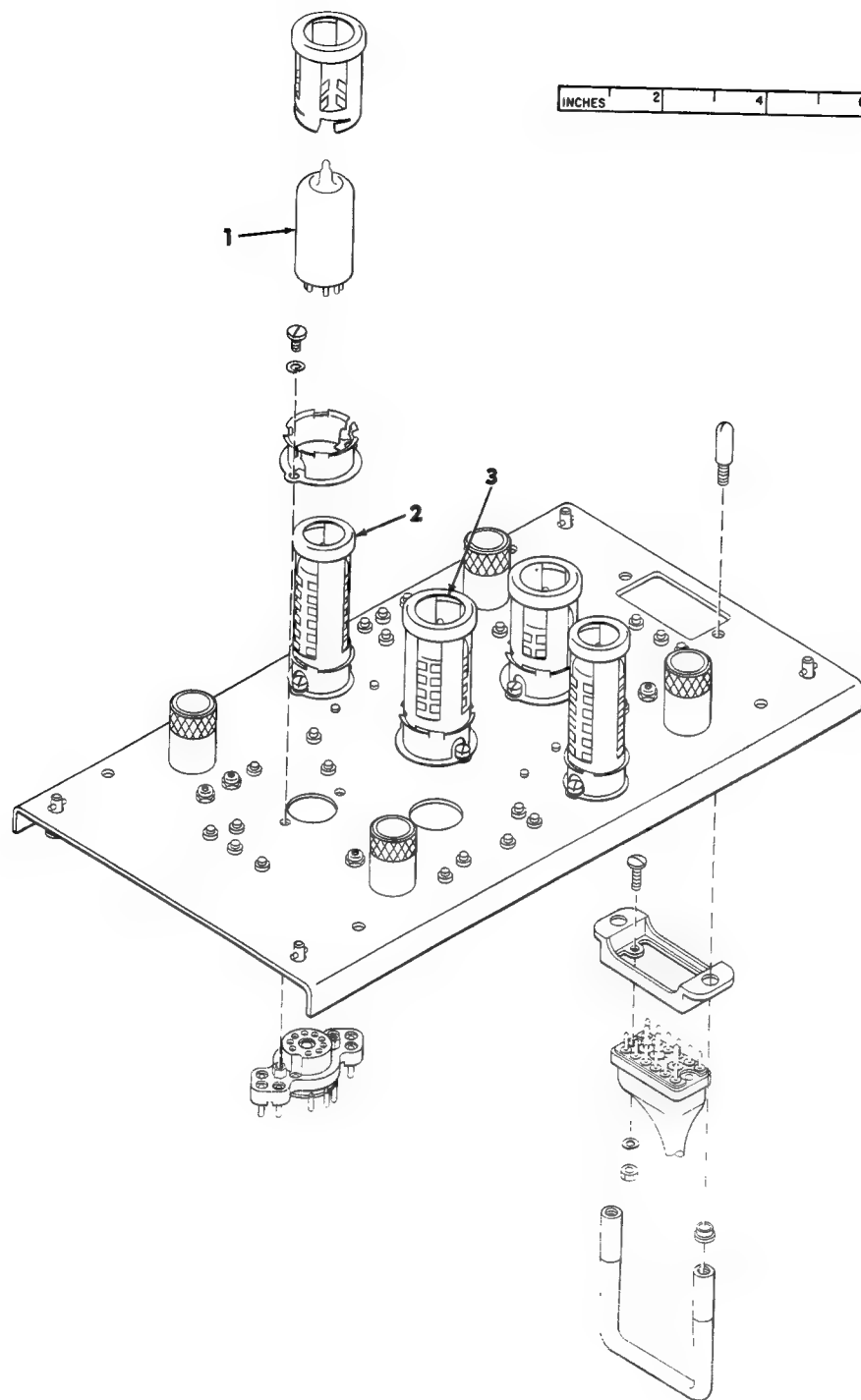


ORD G284355

- 1 JACK 8175216
- 2 TERMINAL 7598949
- 3 JACK 8175017
- 4 JACK 8134425

Figure 298. Amplifier, direct current (9145772)—partial exploded view

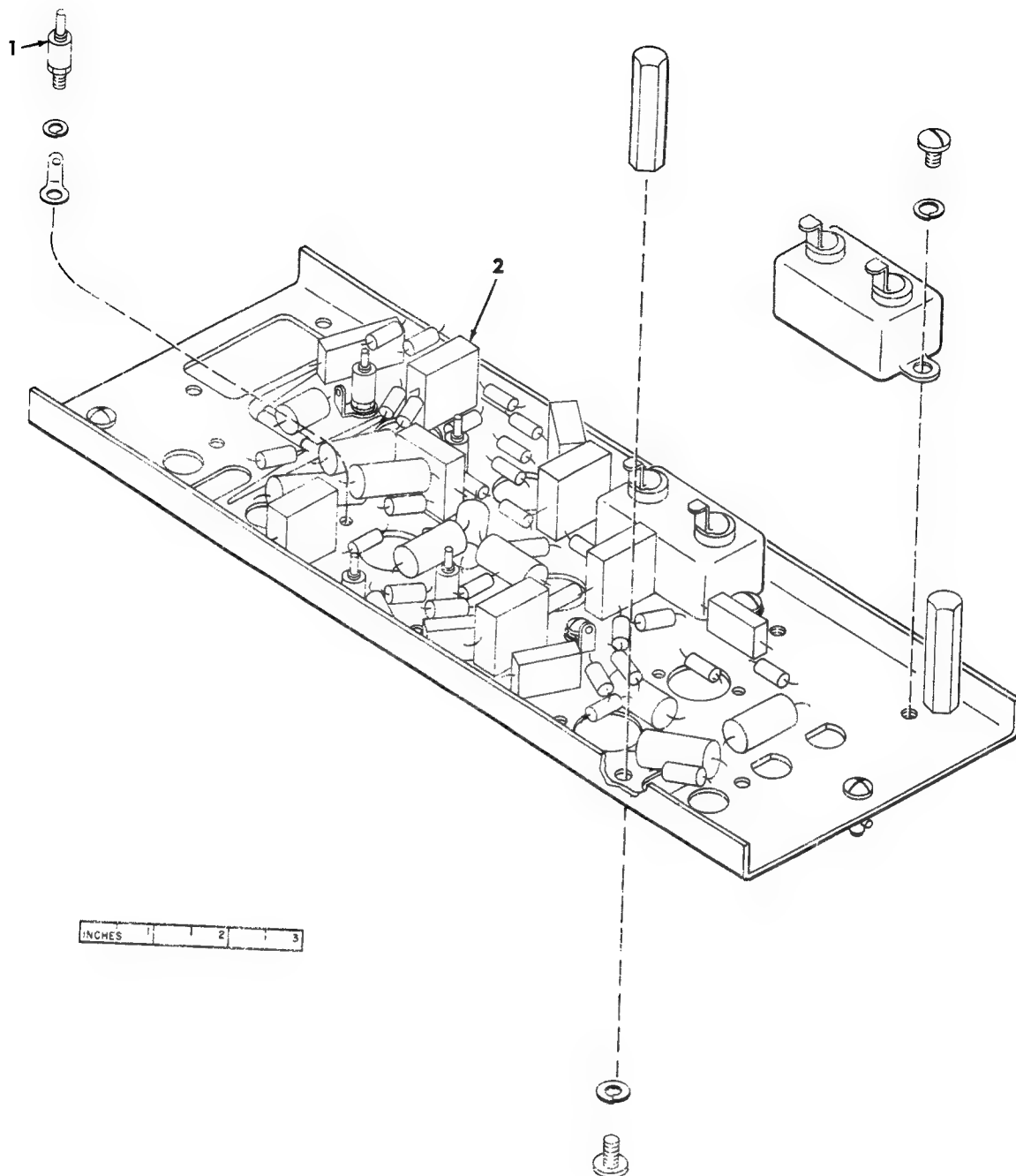




ORD G284354

- 1 ELECTRON TUBE 5755
- 2 ELECTRON TUBE 0B2WA
- 3 ELECTRON TUBE 5687WA

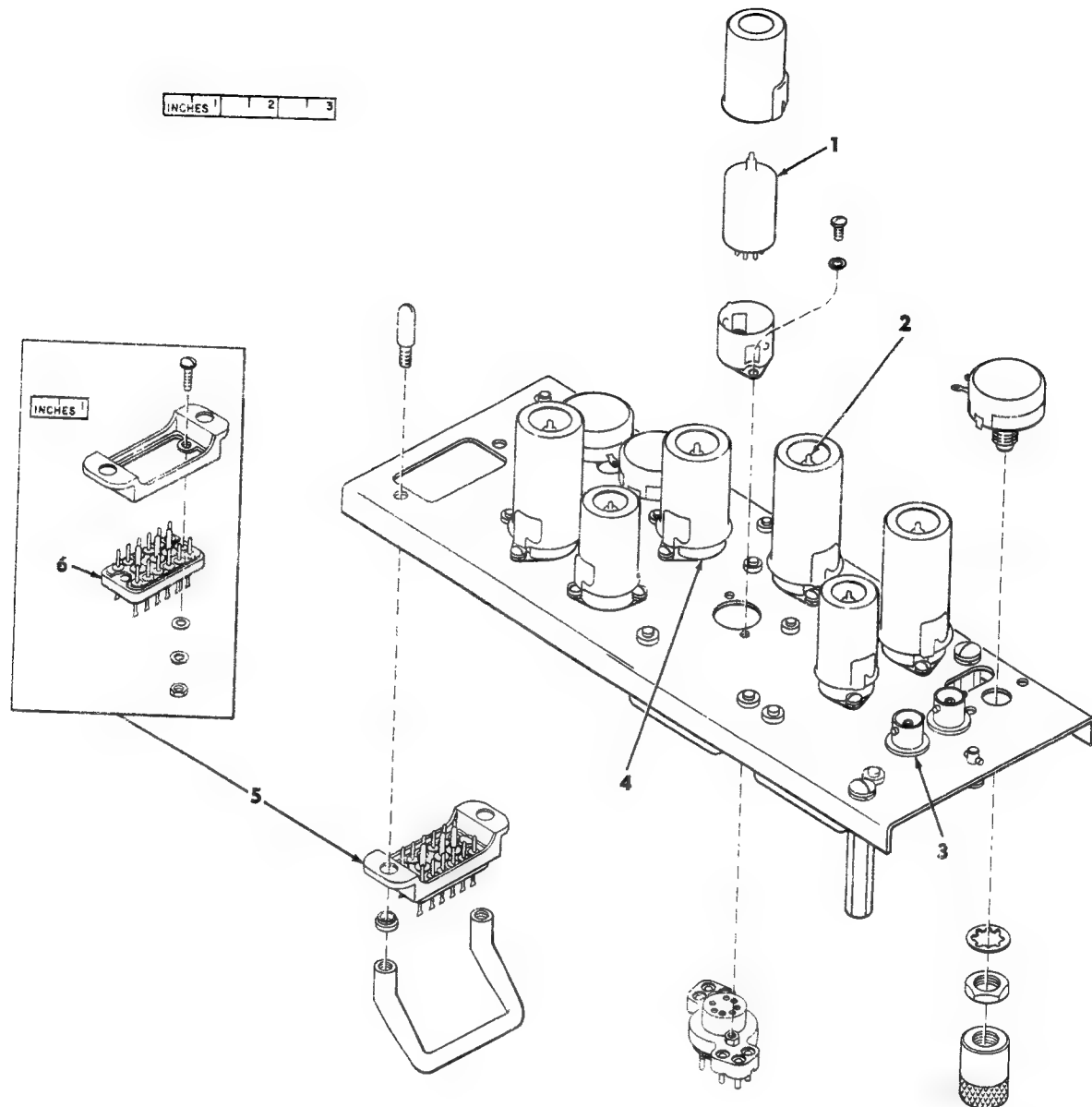
Figure 297. Amplifier, direct current (9145772)—partial exploded view



- 1 TERMINAL 7598949
- 2 CAPACITOR CM35E103J

ORD G284357

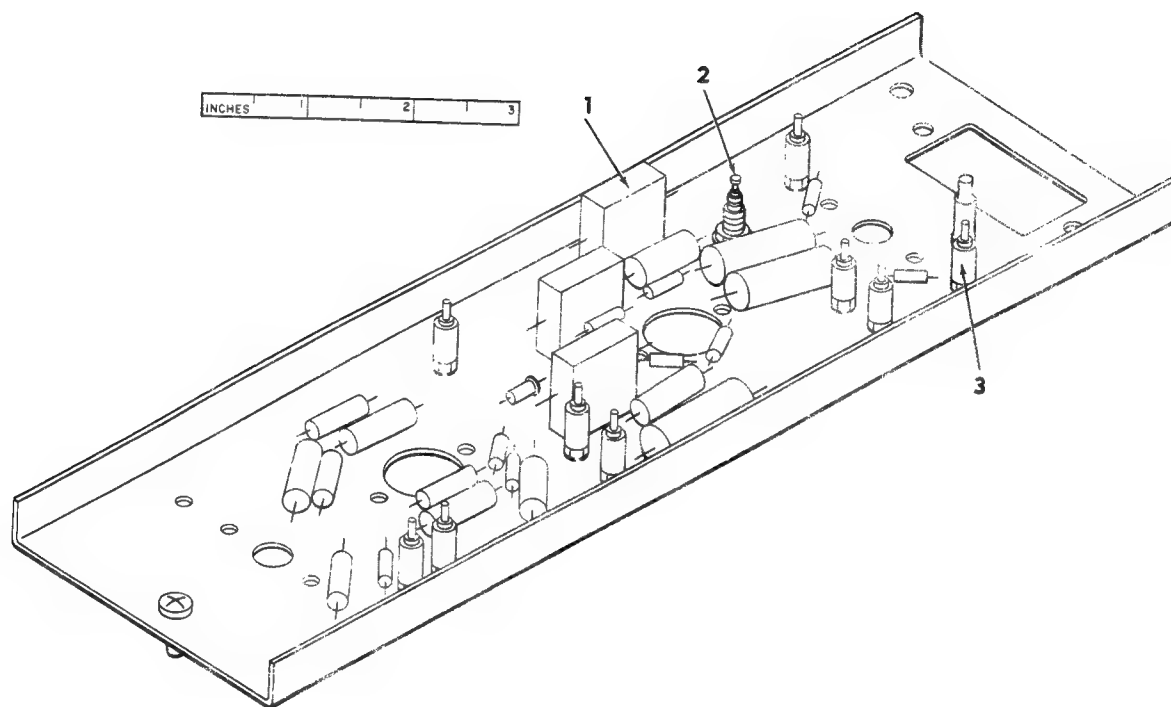
Figure 300. Generator, pulse (9007682)—partial exploded view



ORD G284356

- 1 ELECTRON TUBE 5726/6AL5W
- 2 ELECTRON TUBE 5814A
- 3 CONNECTOR MS-27035-6258
- 4 ELECTRON TUBE 5670
- 5 CONNECTOR 7598051
- 6 CONNECTOR 7598934

Figure 299. Generator, pulse (9007682)—partial exploded view



12.0 G-134359

- 1 CAPACITOR CM35E103J
- 2 JACK R175017
- 3 TERMINAL 7598949

Figure 302. Generator, pulse (9145750)—partial exploded view

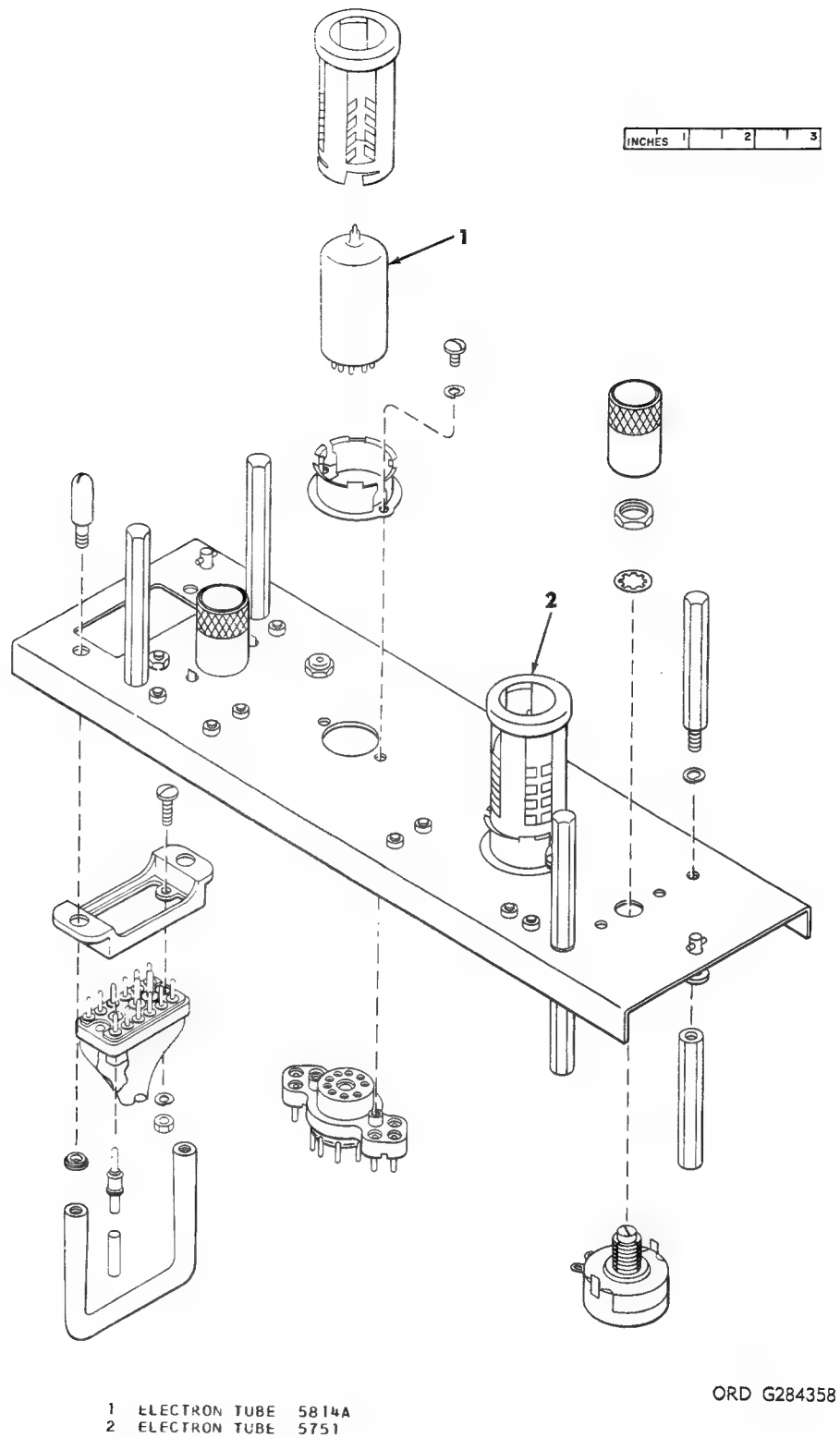
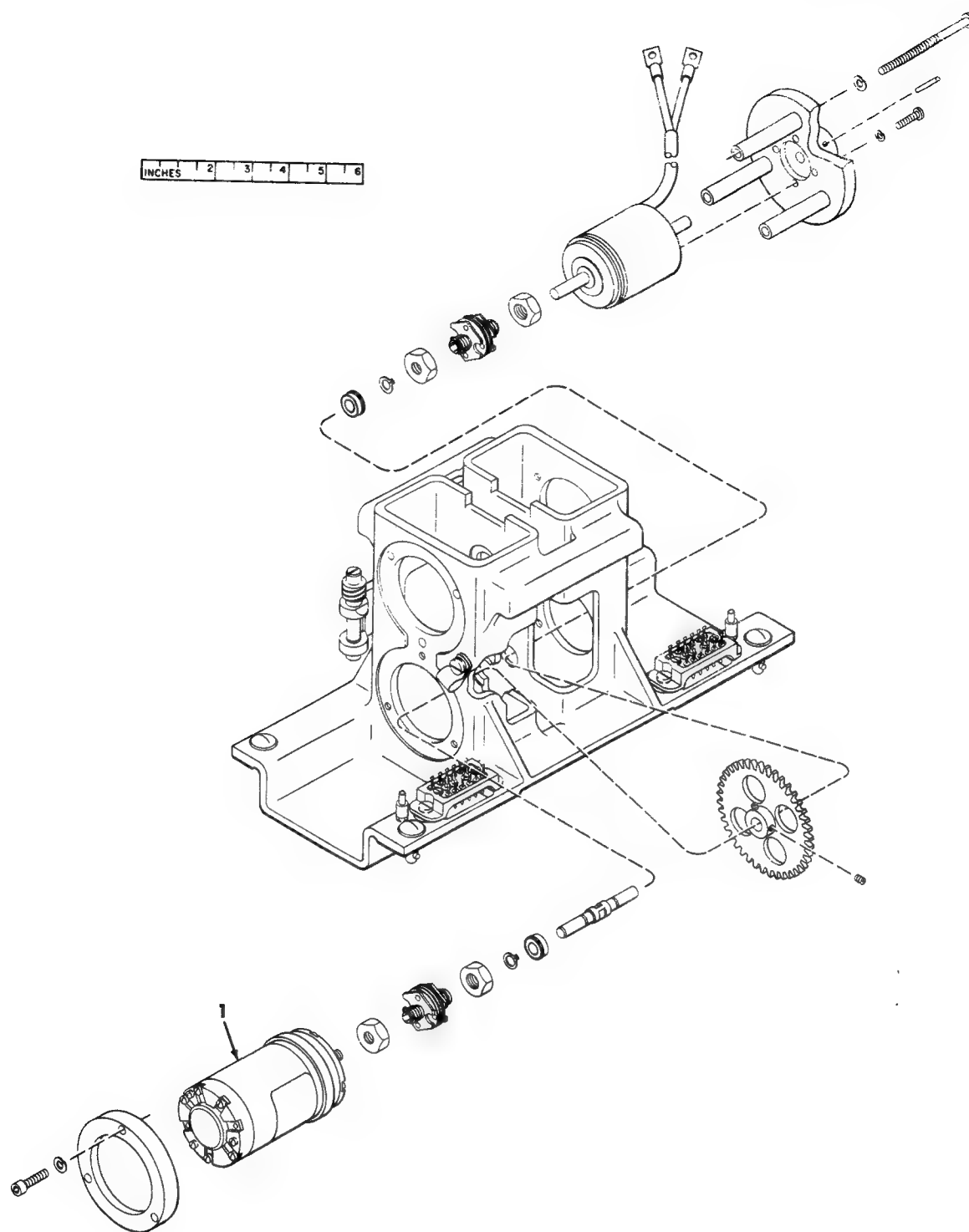


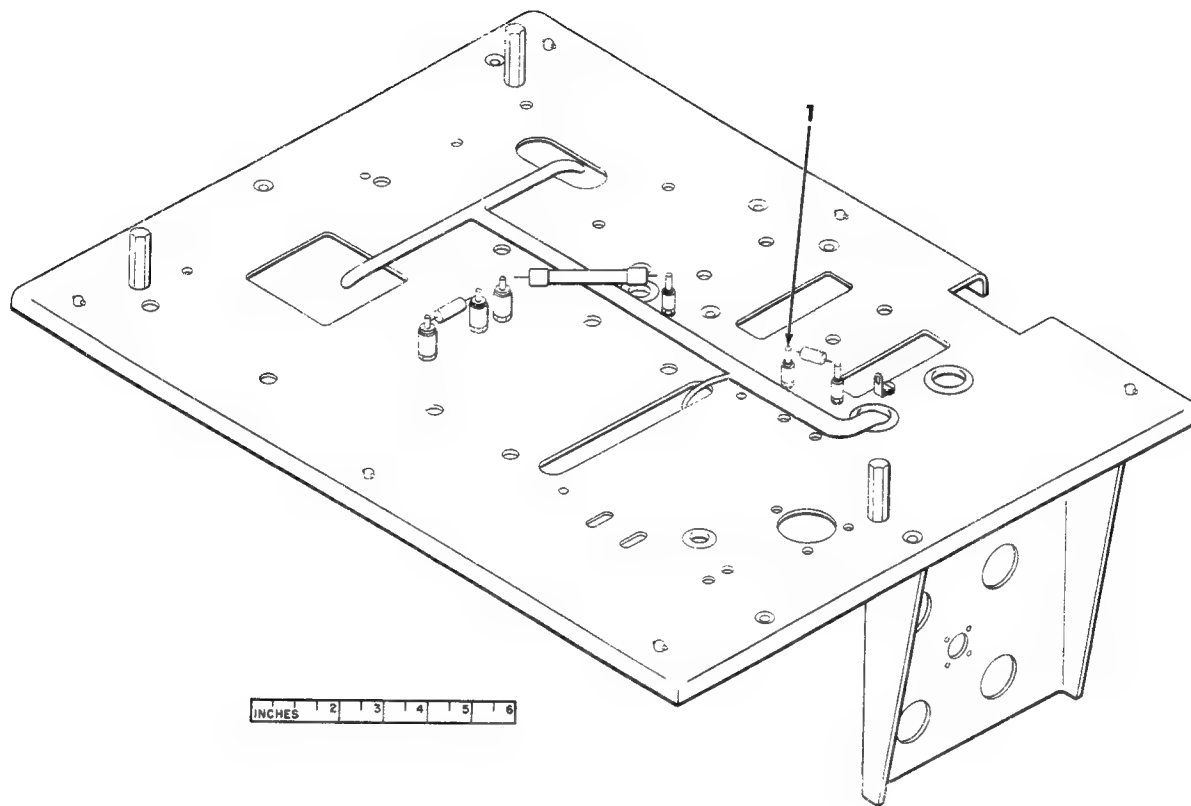
Figure 301. Generator, pulse (9145780)—partial exploded view



ORD G78709

1 SYNCHRO 7674819

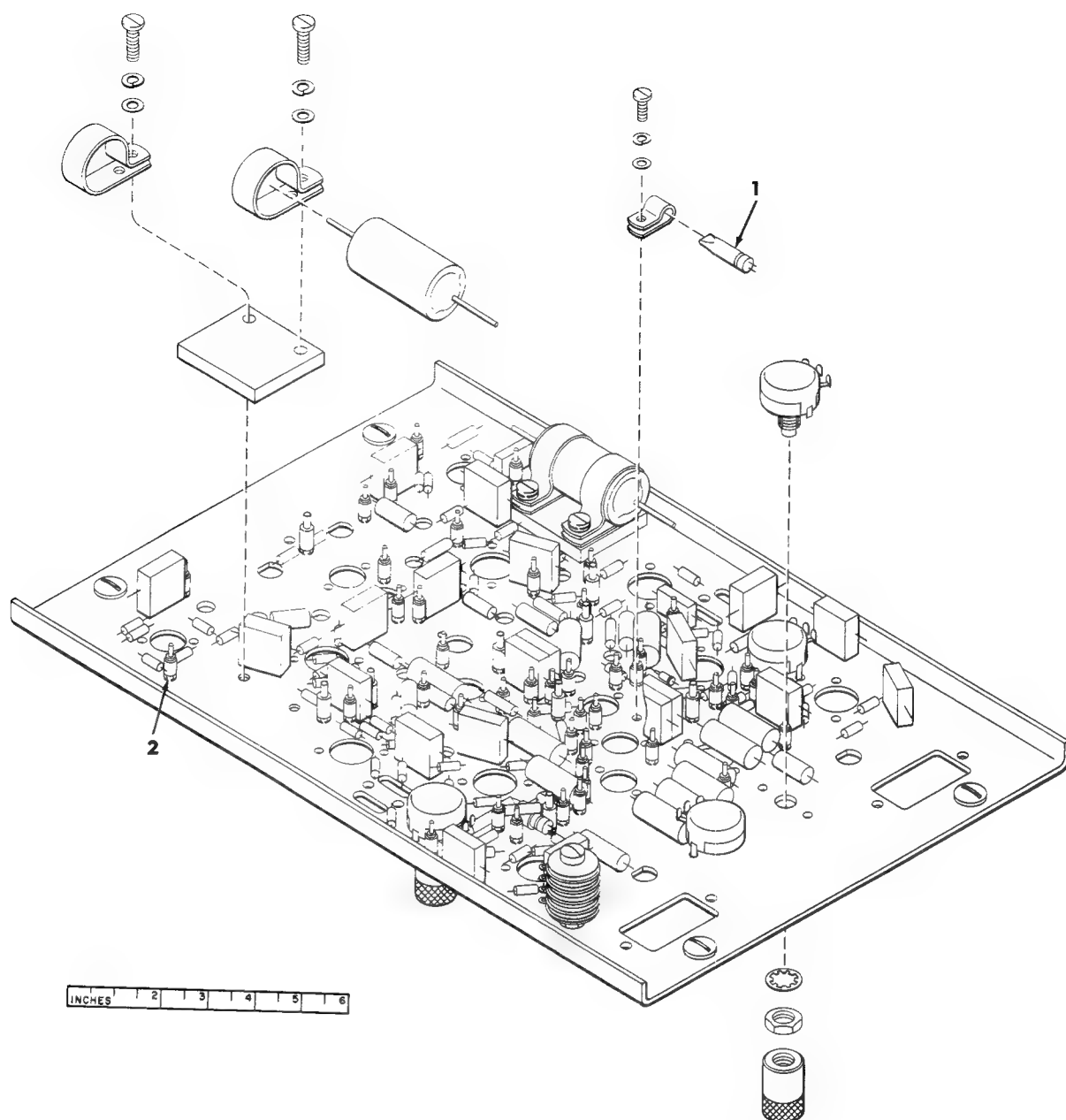
Figure 304. Synchro assembly (9995973)—exploded view



ORD G260082

1 TERMINAL 7598949

*Figure 303. Power supply assembly (9140922)—partial exploded view*

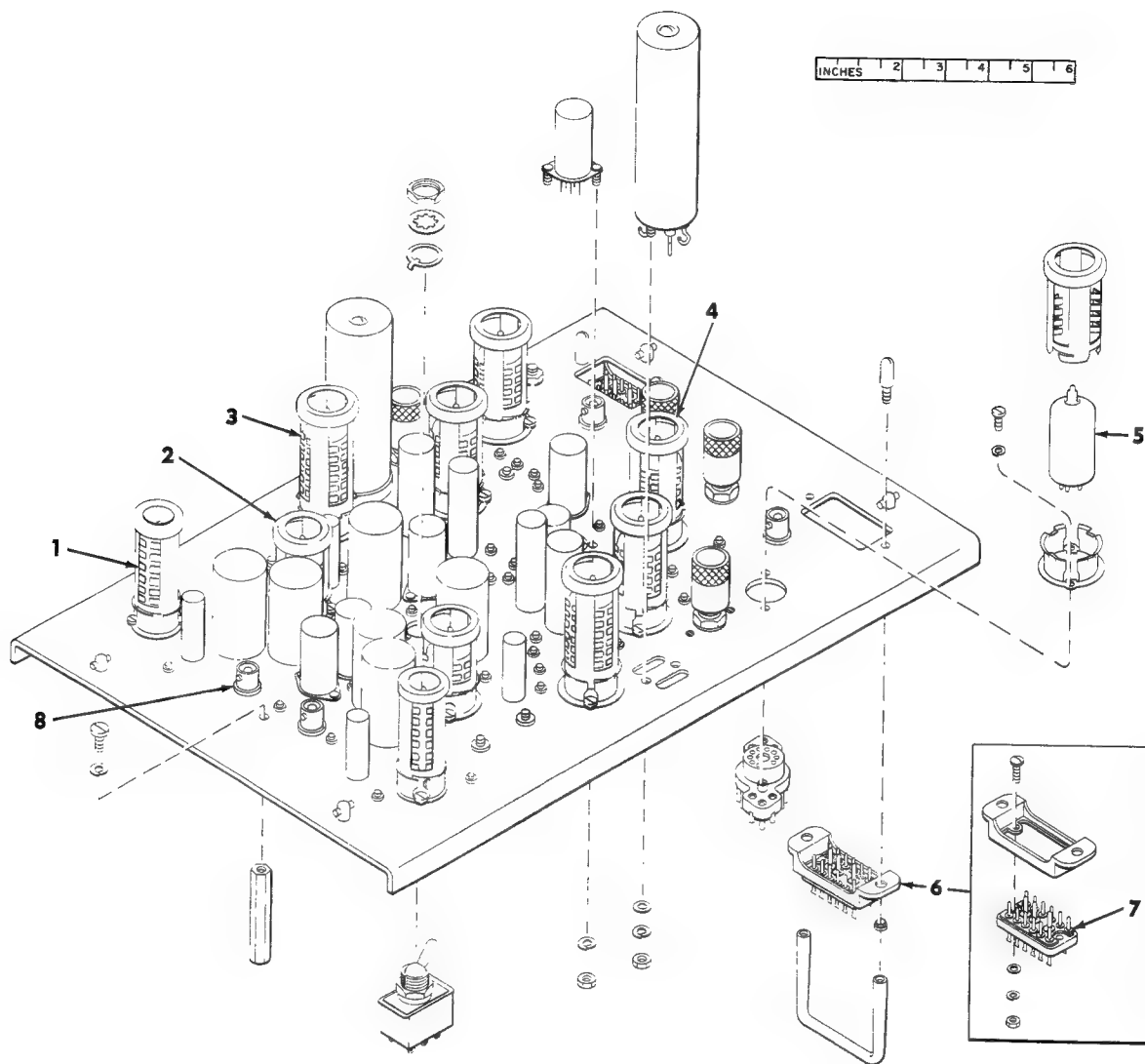


ORD G284361

- 1 LAMP NE-2A
- 2 TERMINAL 7598949

Figure 306. Detector, range error (9144784)—partial exploded view





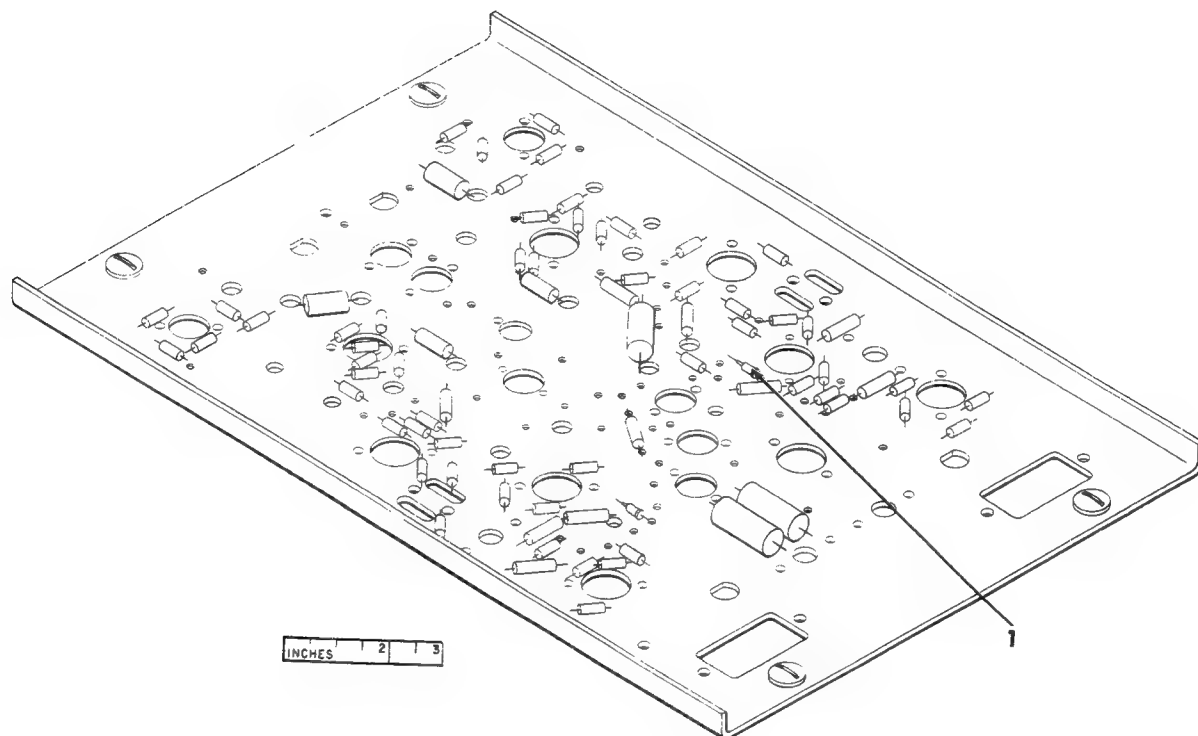
ORD G284360

1 ELECTRON TUBE 6AH6  
2 ELECTRON TUBE 5670  
3 ELECTRON TUBE 6CL6

4 ELECTRON TUBE 5755  
5 ELECTRON TUBE 5687WA  
6 CONNECTOR 7598051

7 CONNECTOR 7598934  
8 CONNECTOR MS-27035-6258

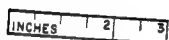
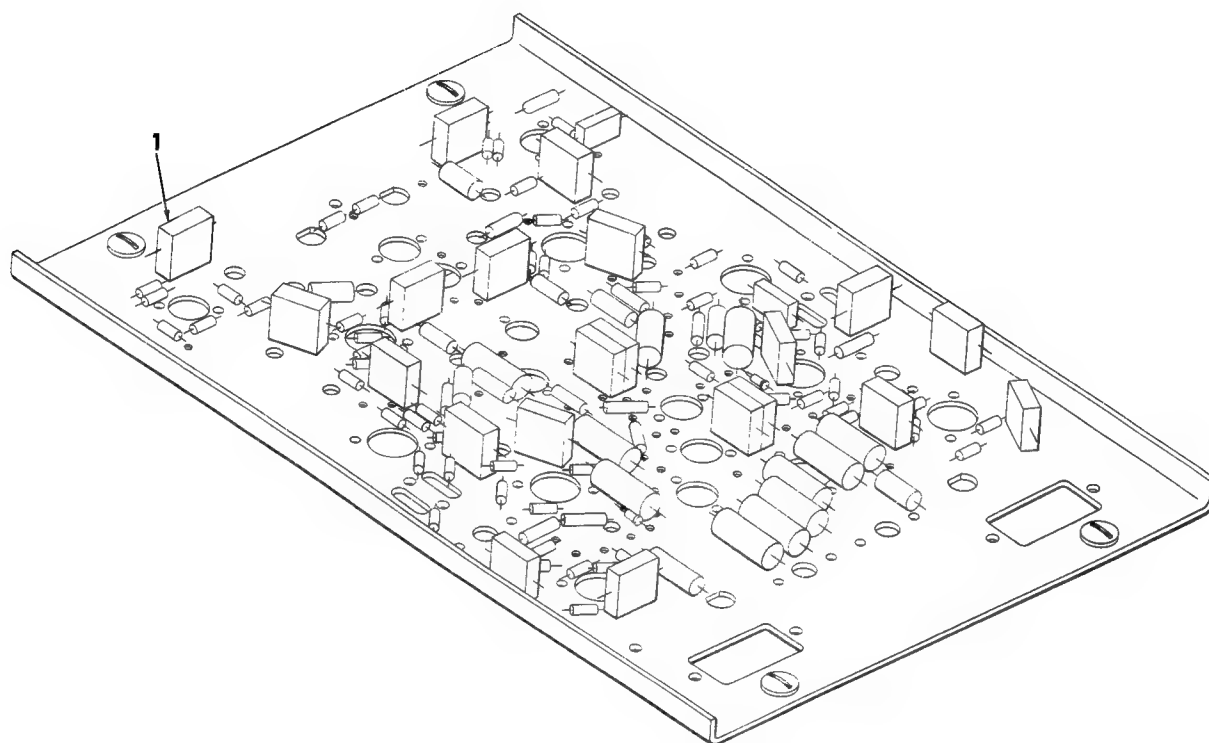
Figure 305. Detector, range error (9144784) - partial exploded view



ORD G260085

1 SEMICONDUCTOR DEVICE  
9137420

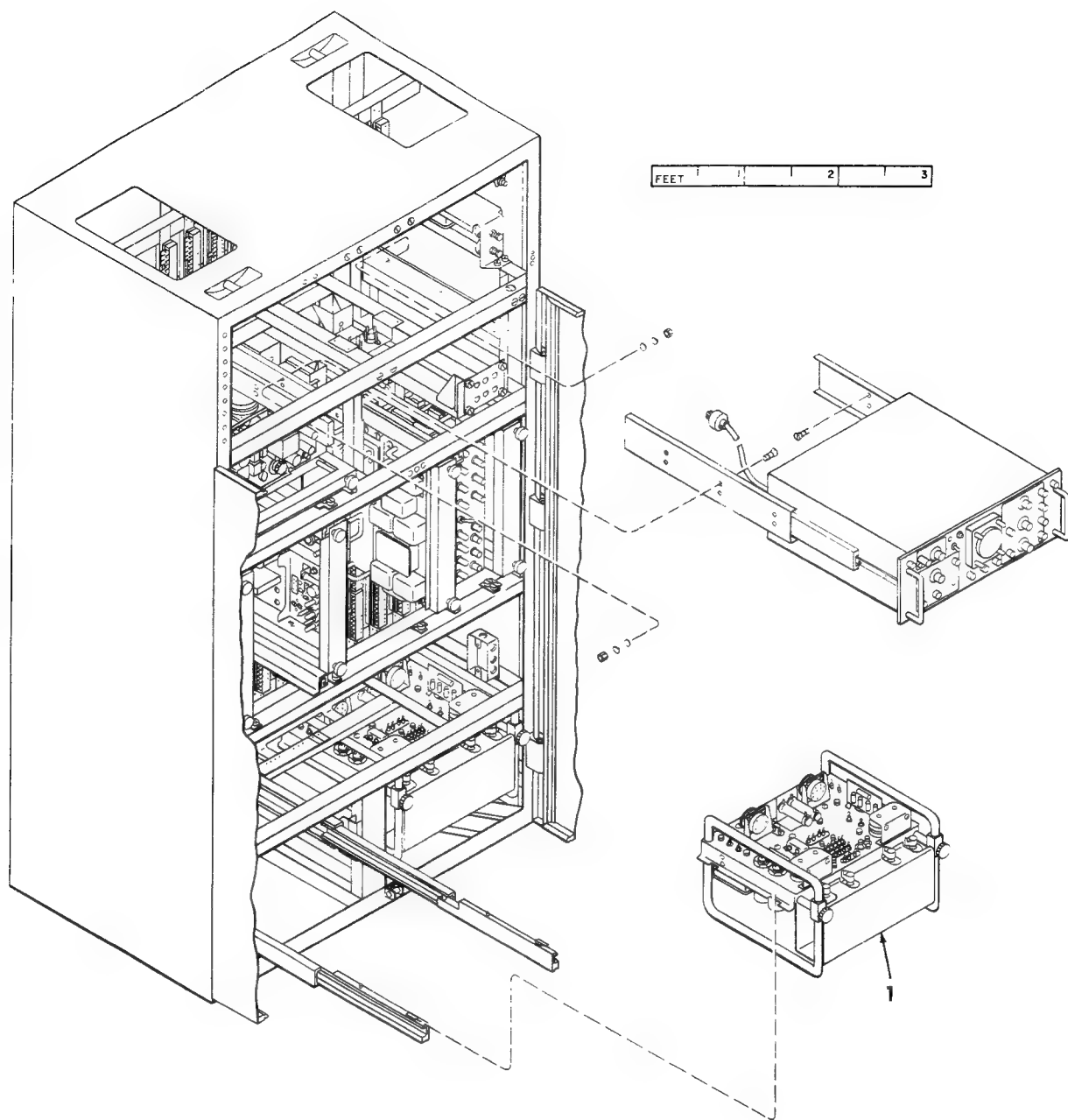
Figure 308. Detector, range error (9144784)—partial exploded view



ORD G284362

1 CAPACITOR CM35E103J

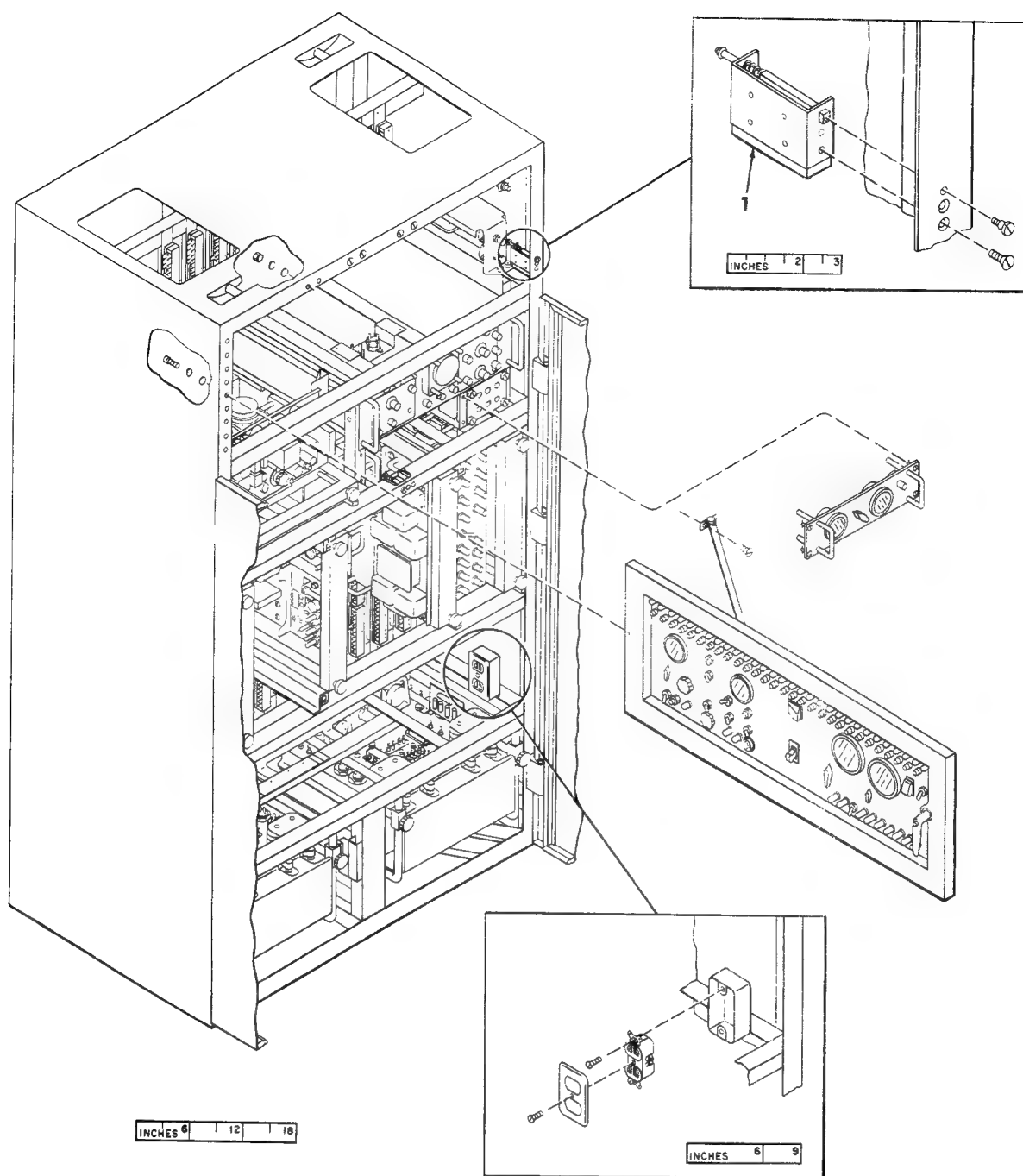
*Figure 307. Detector, range error (9144784)—partial exploded view*



ORD G284364

1 POWER SUPPLY 9140697

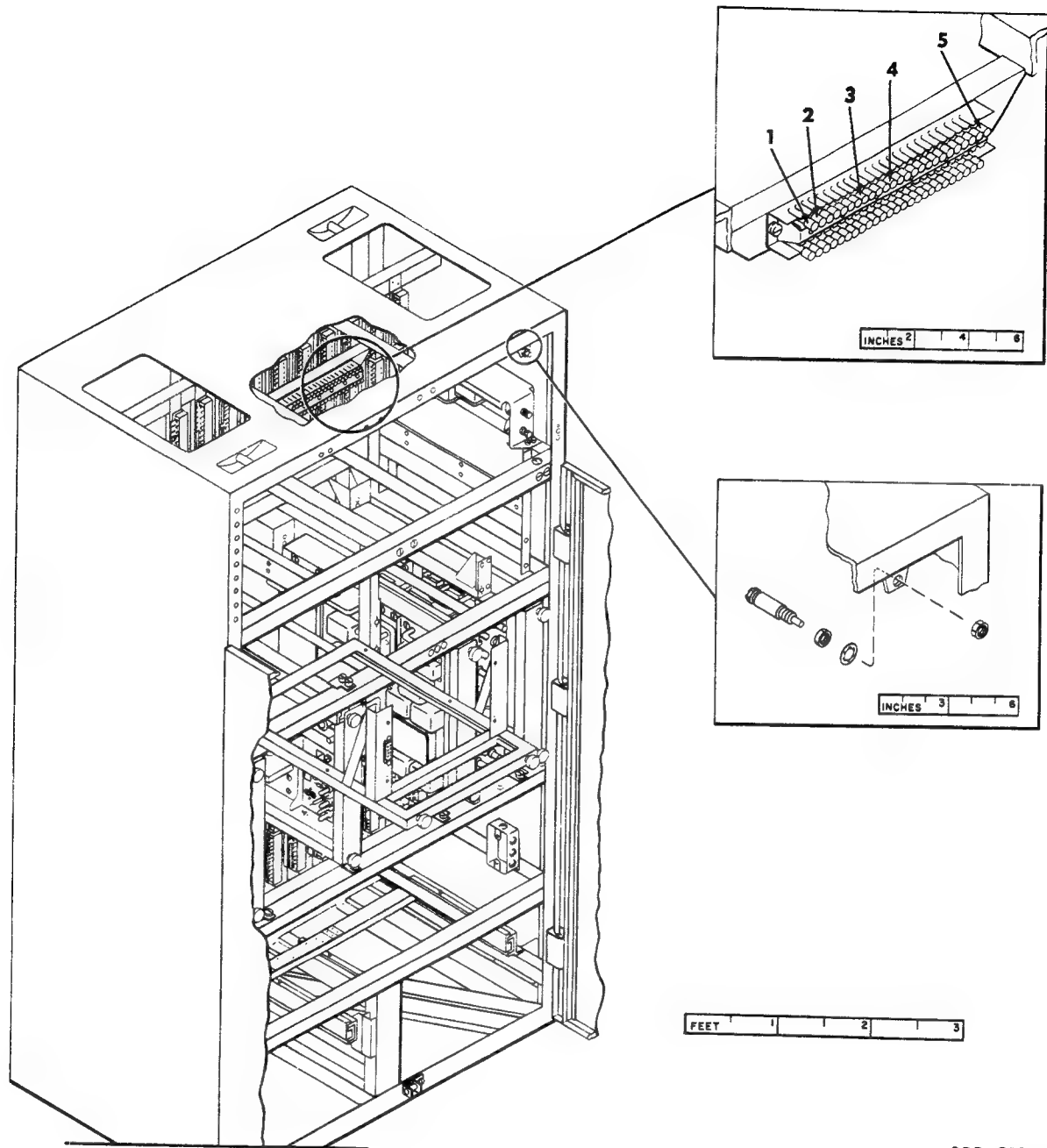
Figure 310. Control, receiver-transmitter (9141310)—partial exploded view



ORD G284363

1 SWITCH 7602749

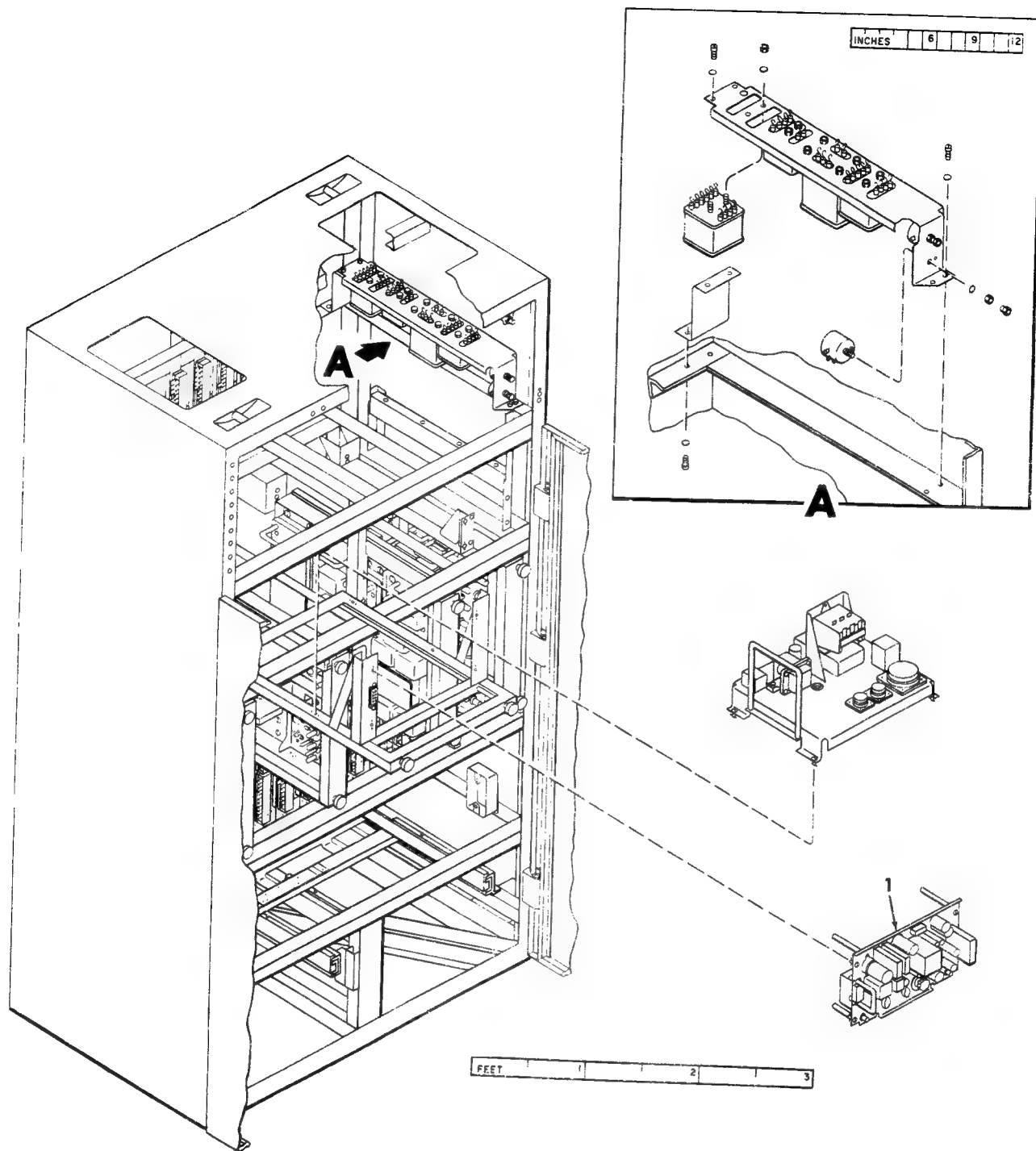
Figure 309. Control, receiver-transmitter (9141310)—partial exploded view



ORD G284365

- 1 FUSE 9976156
- 2 FUSE 9976156-2
- 3 FUSE 8034518-6
- 4 FUSE 9007312
- 5 FUSE F03A125V20A

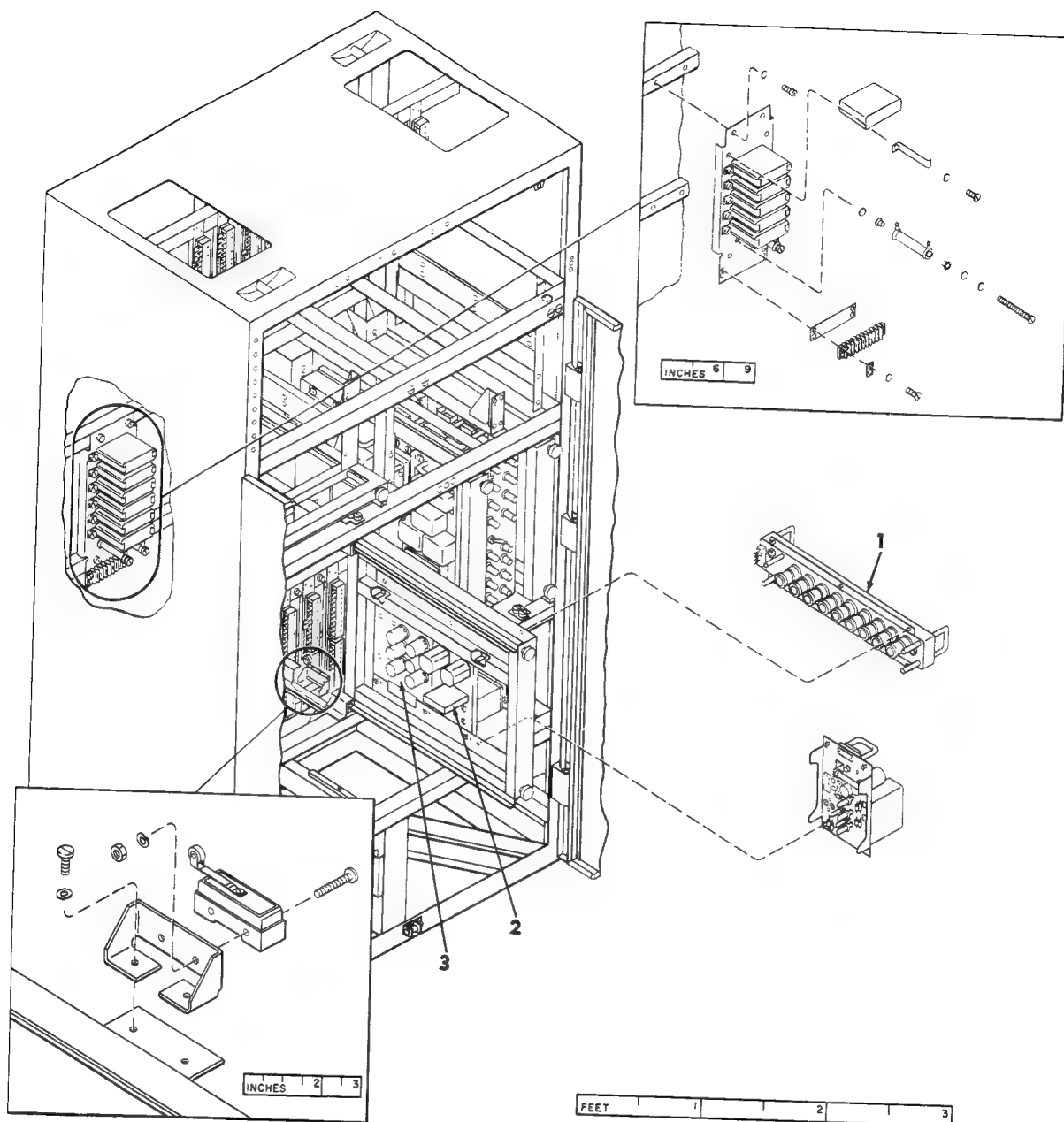
Figure 312. Control, receiver-transmitter (9141310)--partial exploded view



1 GENERATOR 9143780

ORD G254107

Figure 311. Control, receiver-transmitter (9141310)—partial exploded view

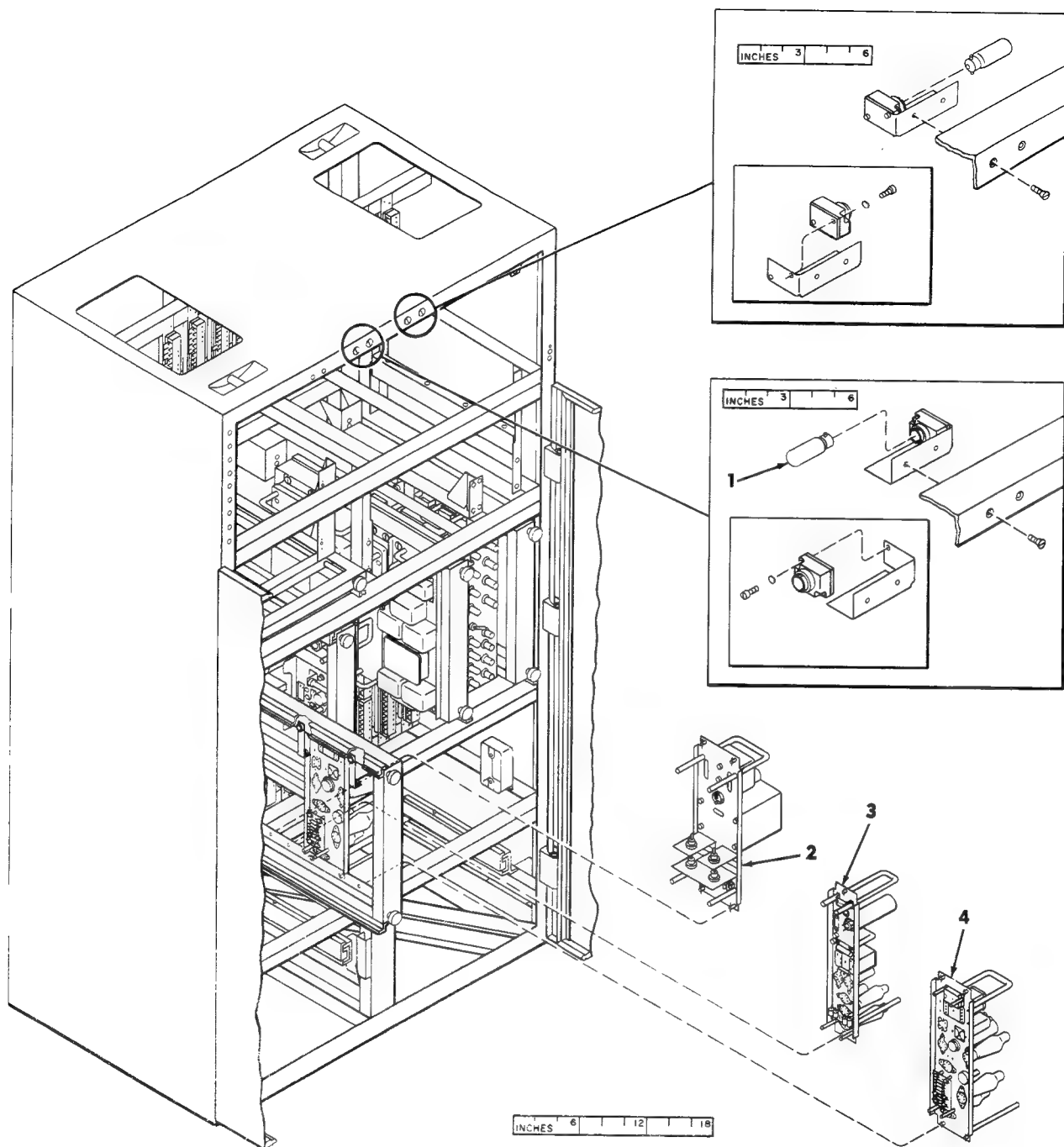


ORD G240086

- 1 DETECTOR 9012970
- 2 TIMER 9154656
- 3 RECEIVER 9139337

Figure 314. Control receiver-transmitter (9141310) - partial exploded view

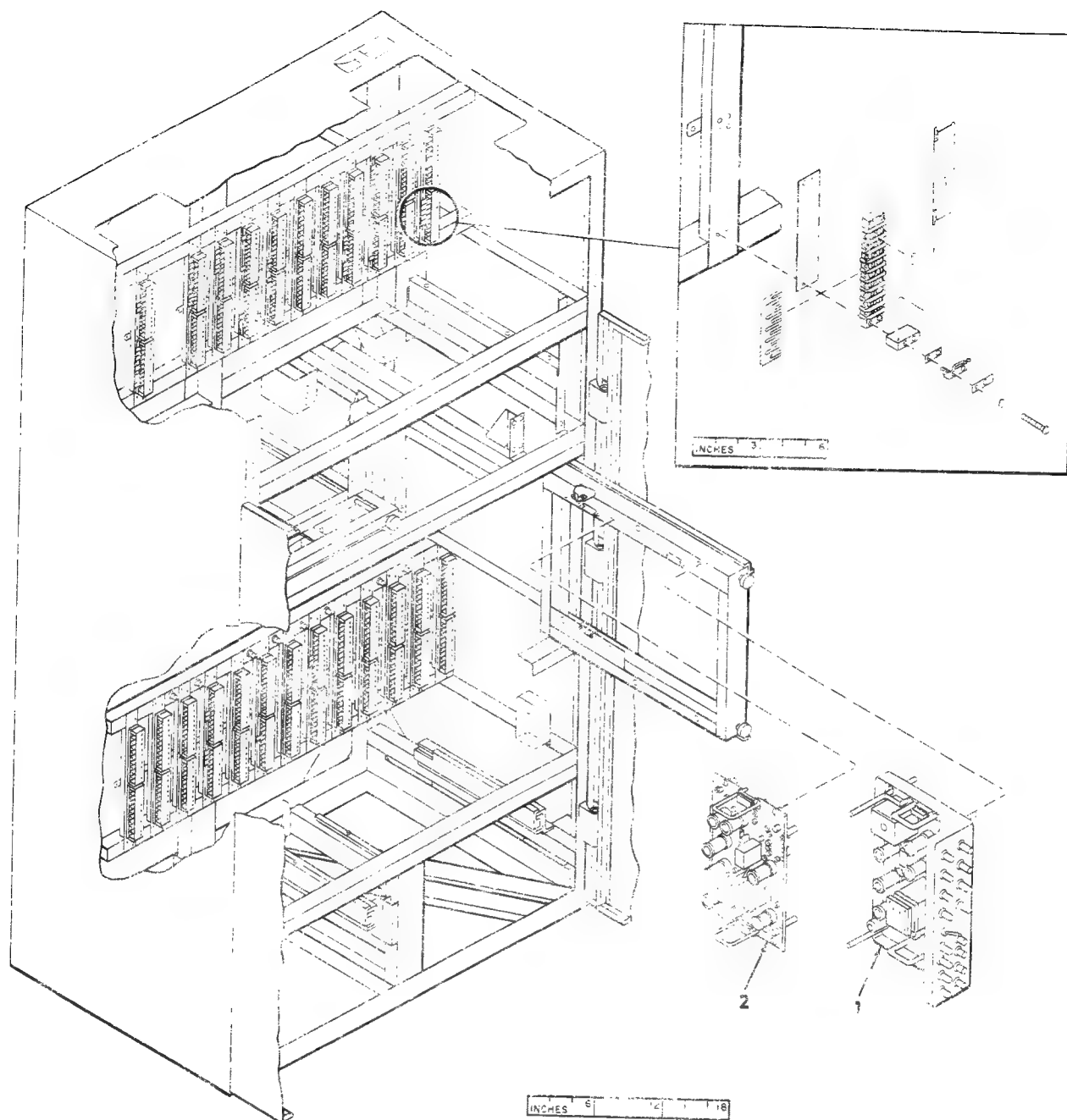




ORD G284366

- 1 LAMP 8519197
- 2 POWER SUPPLY 9986424
- 3 REGULATOR 7620552
- 4 REGULATOR 9137641

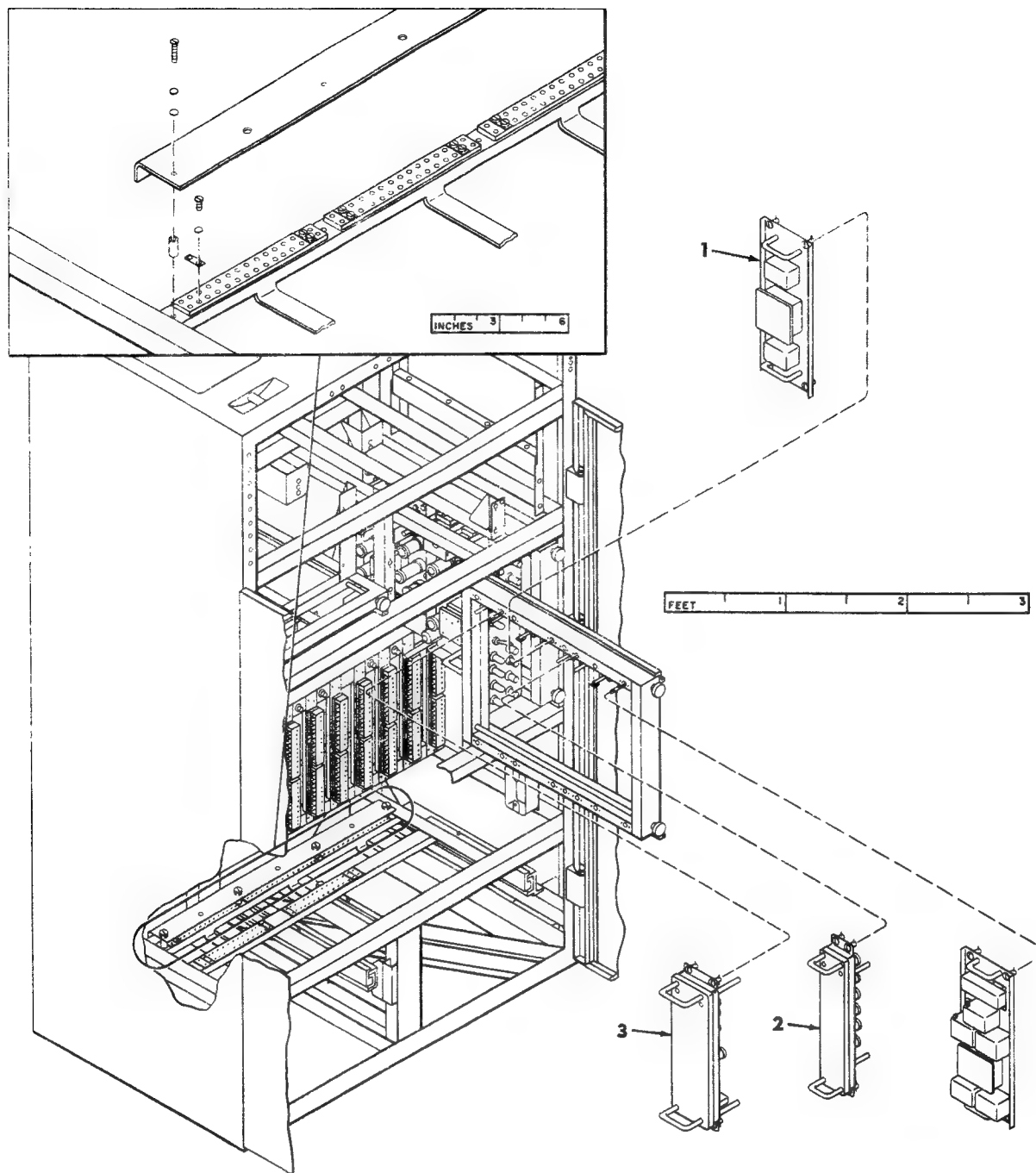
Figure 313. Control, receiver-transmitter (9141310)—partial exploded view



ORD G254109

- 1 SYNCHRONIZER 9136696
- 2 CONTROL 9155859

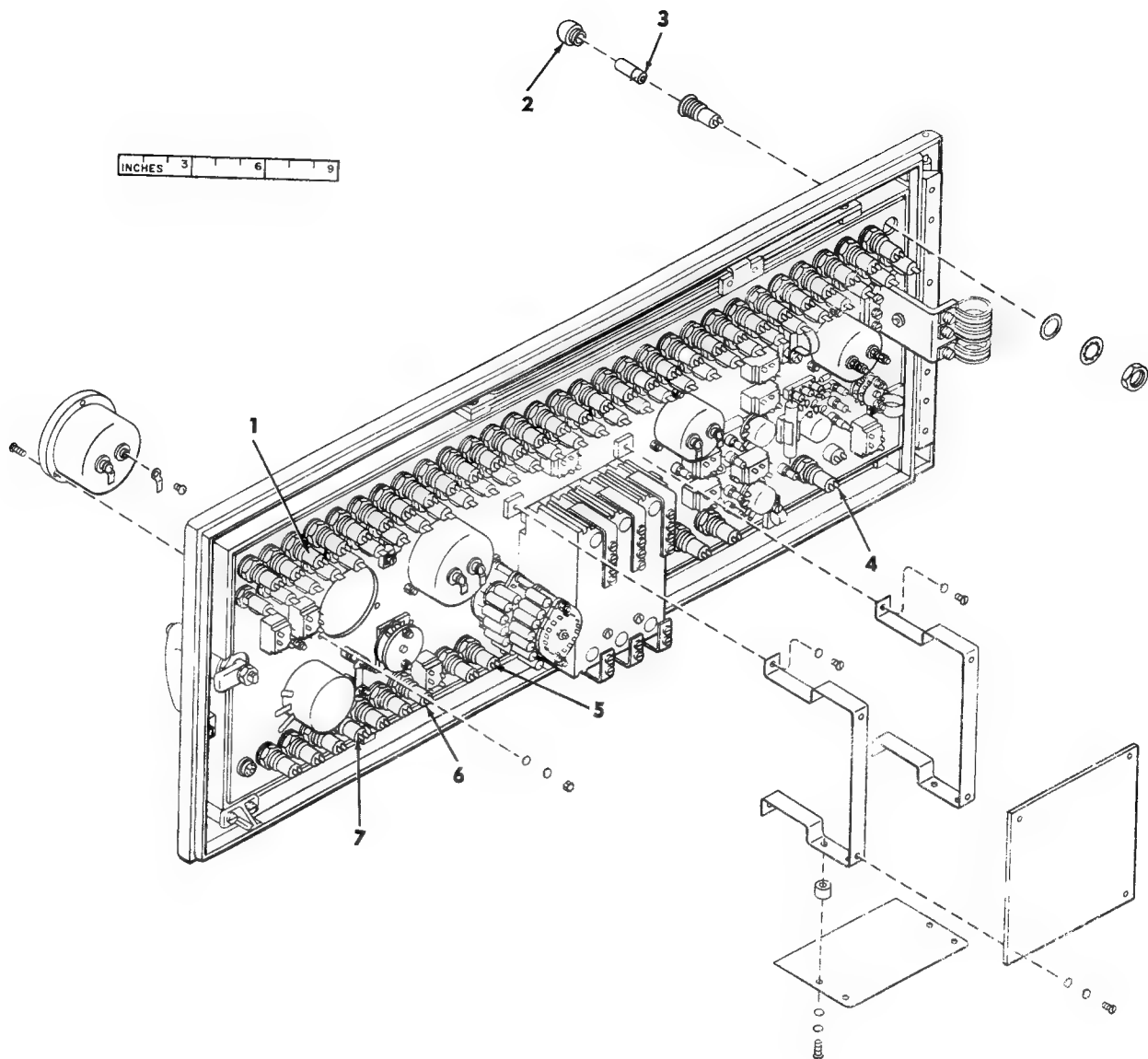
Figure 316. Control, receiver-transmitter (914131) - partial exploded view



ORD G78714

- 1 FILTER 9012081
- 2 AMPLIFIER 9012908
- 3 DETECTOR 9012941

Figure 315. Control, receiver-transmitter (9141310) - partial exploded view

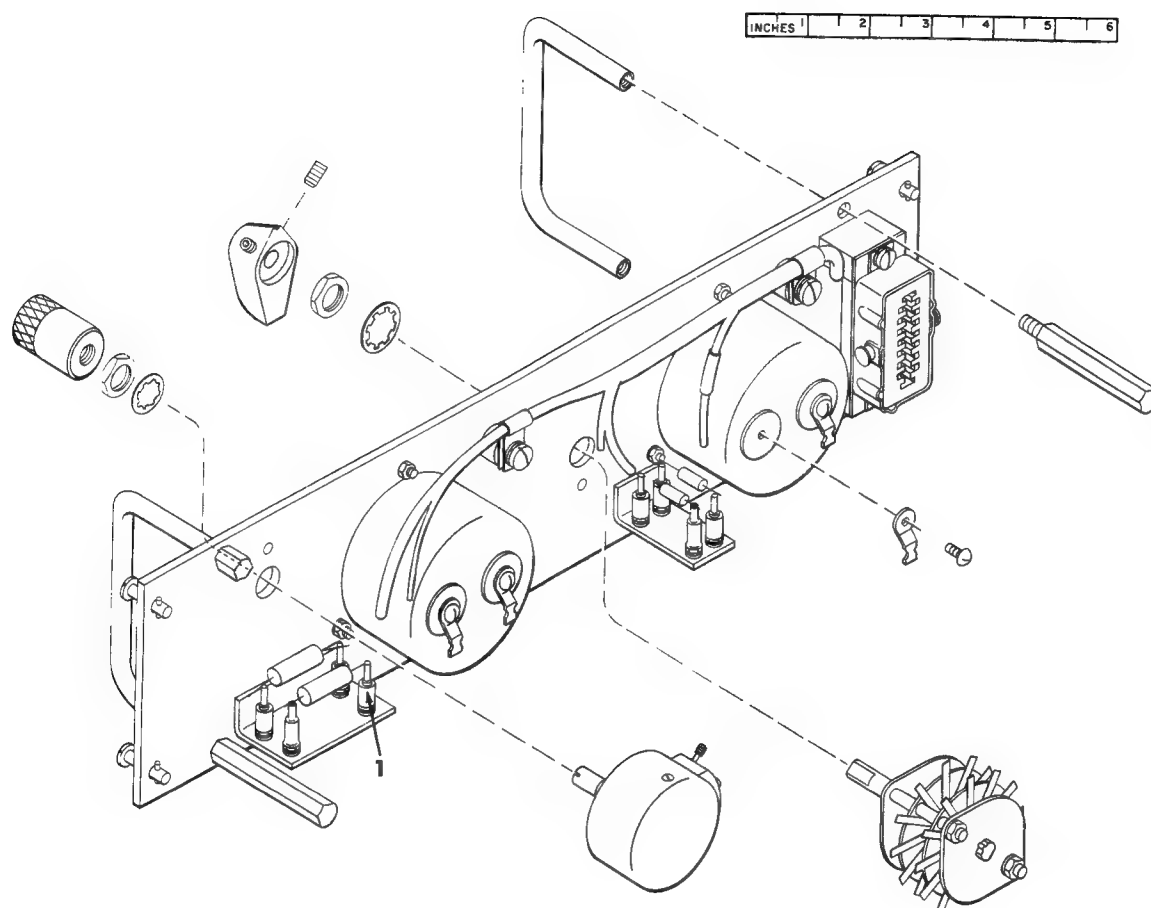


1 LAMP MS-25231-1819  
 2 LENS 8328096  
 3 LAMP 7605718  
 4 LAMP MS-15571-2

5 LENS 7600002  
 6 LENS 7600003  
 7 LENS 8175032

ORD G284368

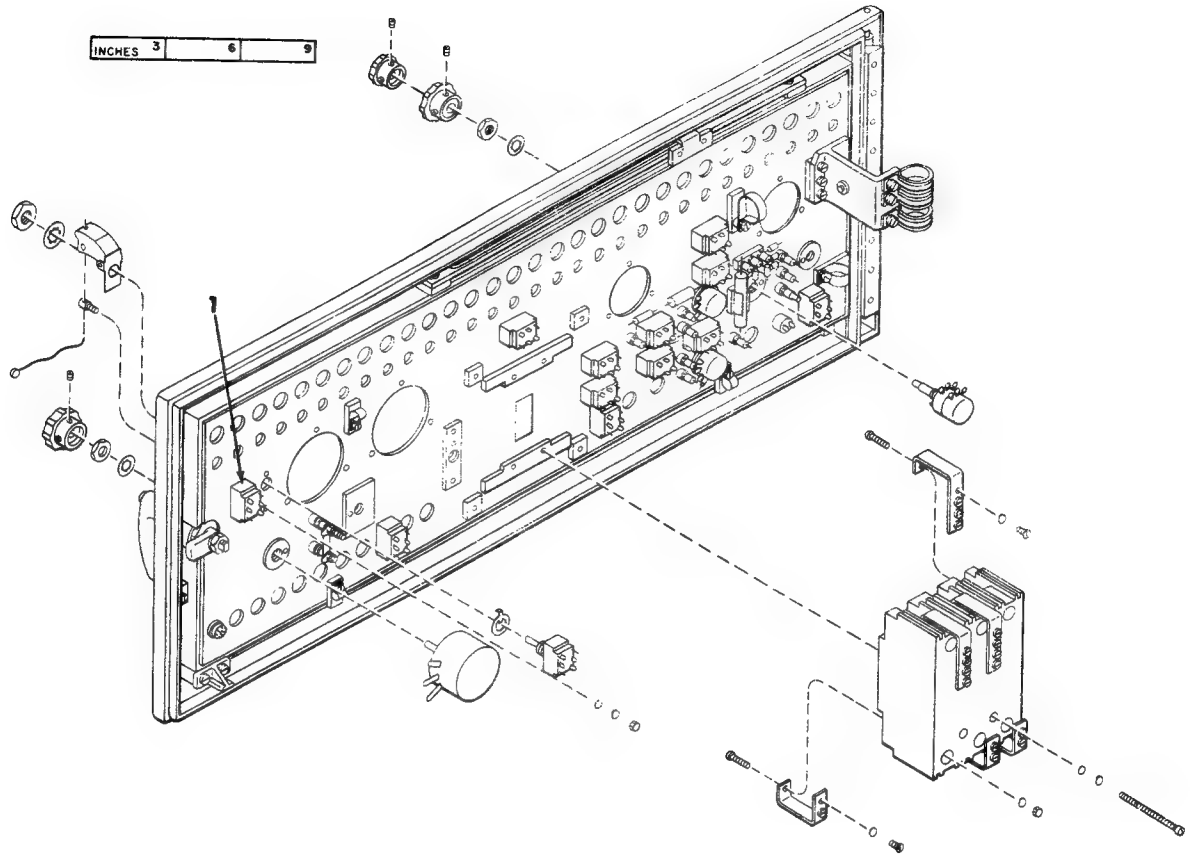
Figure 318. Control-indicator (10167333)—partial exploded view



ORD G284367

1 TERMINAL 7598949

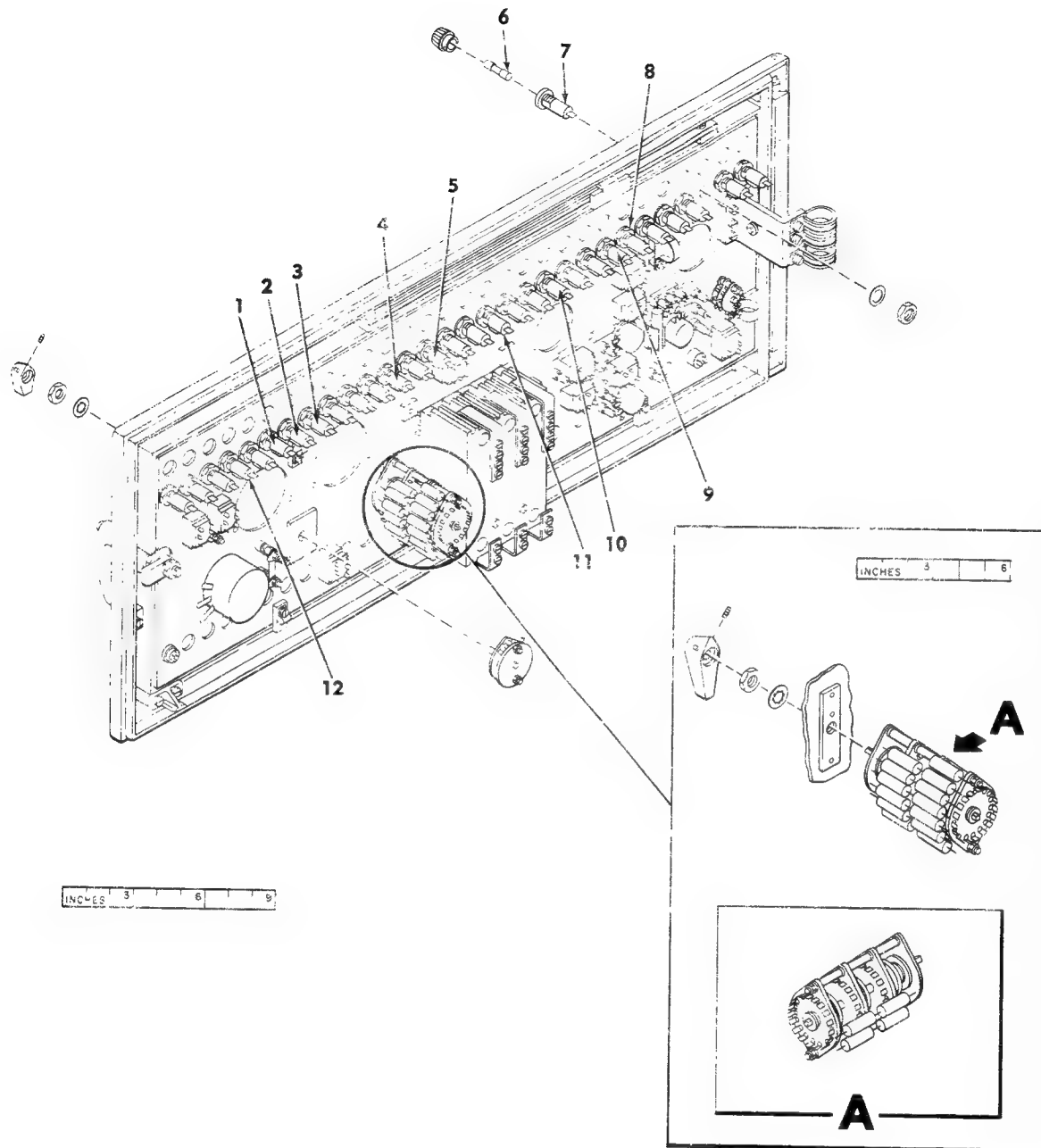
Figure 317. Control-indicator (9139145)—exploded view



ORD G284370

I SWITCH MS-35059-26

Figure 320. Control-indicator (10167333)—partial exploded view



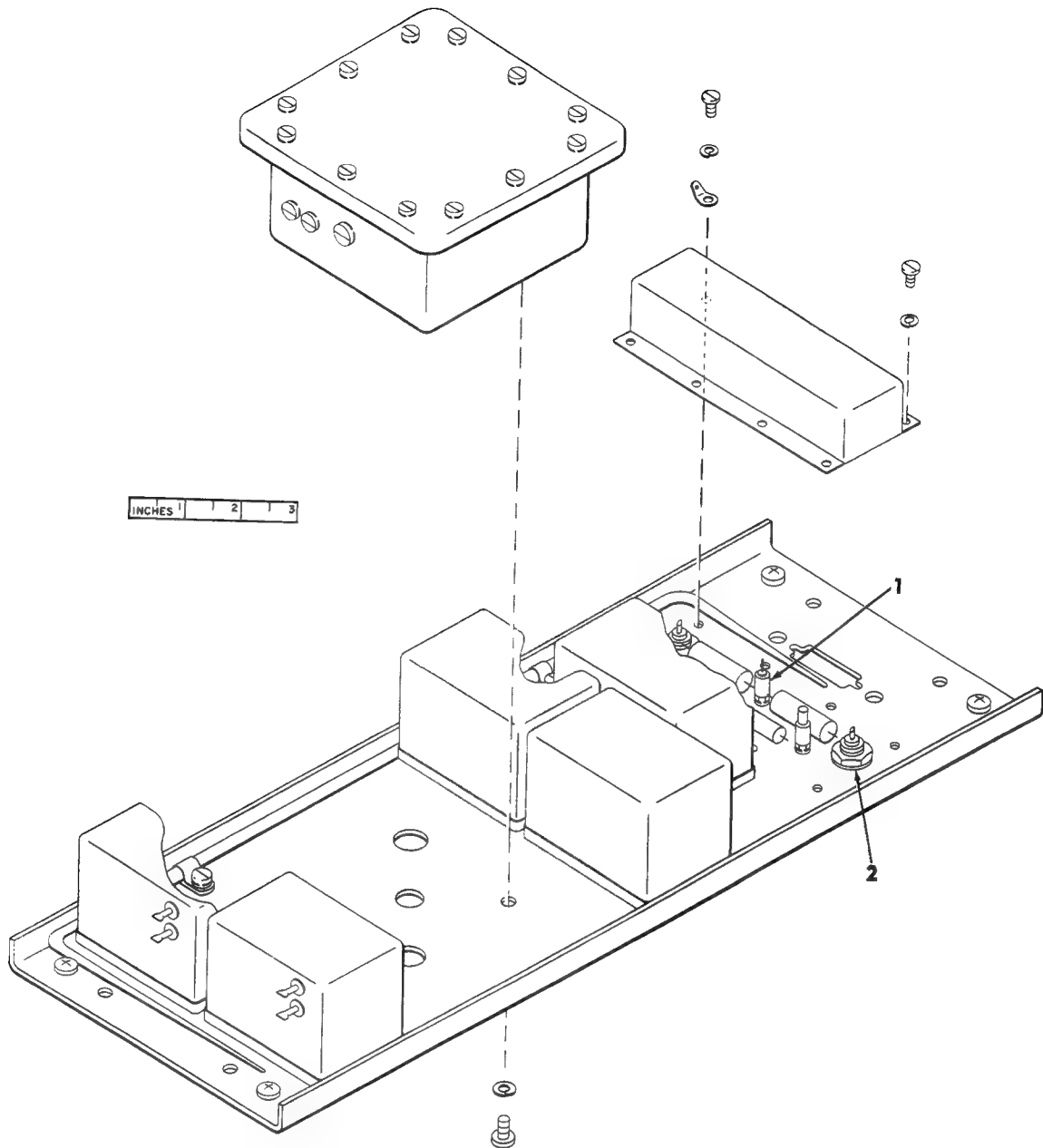
ORD G284369

1 FUSE 9976150-2  
2 FUSE FC6A250V2A  
3 FUSE FC6A250V5A  
4 FUSE FC6A250V1A

5 FUSE 8175324  
6 FUSE F06A250V15A  
7 FUSE HOLDER 9144073  
8 FUSE 8034512-6

9 FUSE F05E32V10A  
10 FUSE F06A250V3A  
11 FUSE 9976373-1  
12 FUSE F06A250V10A

Figure 319. Control-indicator 10167333—partial exploded view

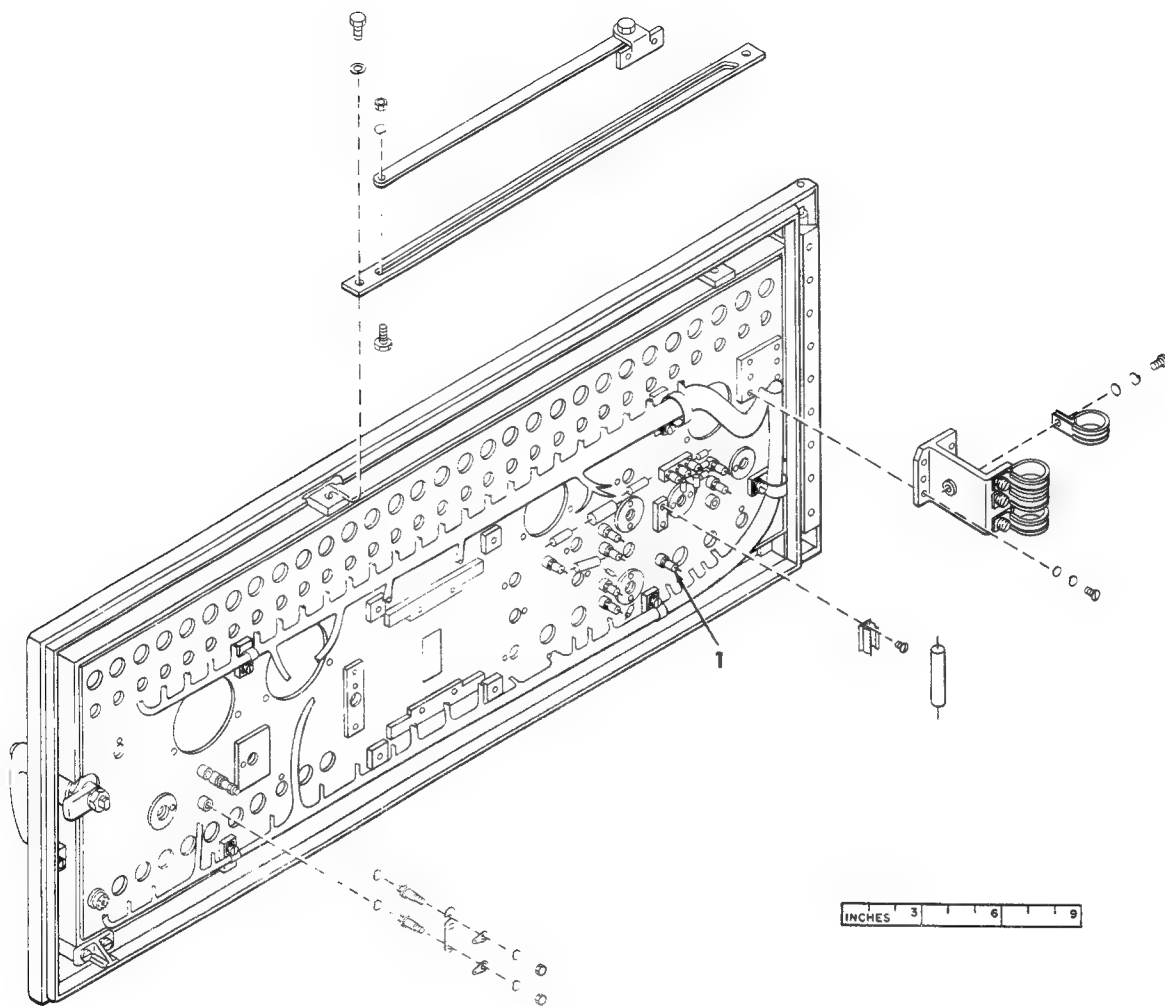


ORD G284371

- 1 TERMINAL 7598949
- 2 CONNECTOR MS-27035-625B

Figure 322. Switch, transmission line assembly (9011982)—exploded view

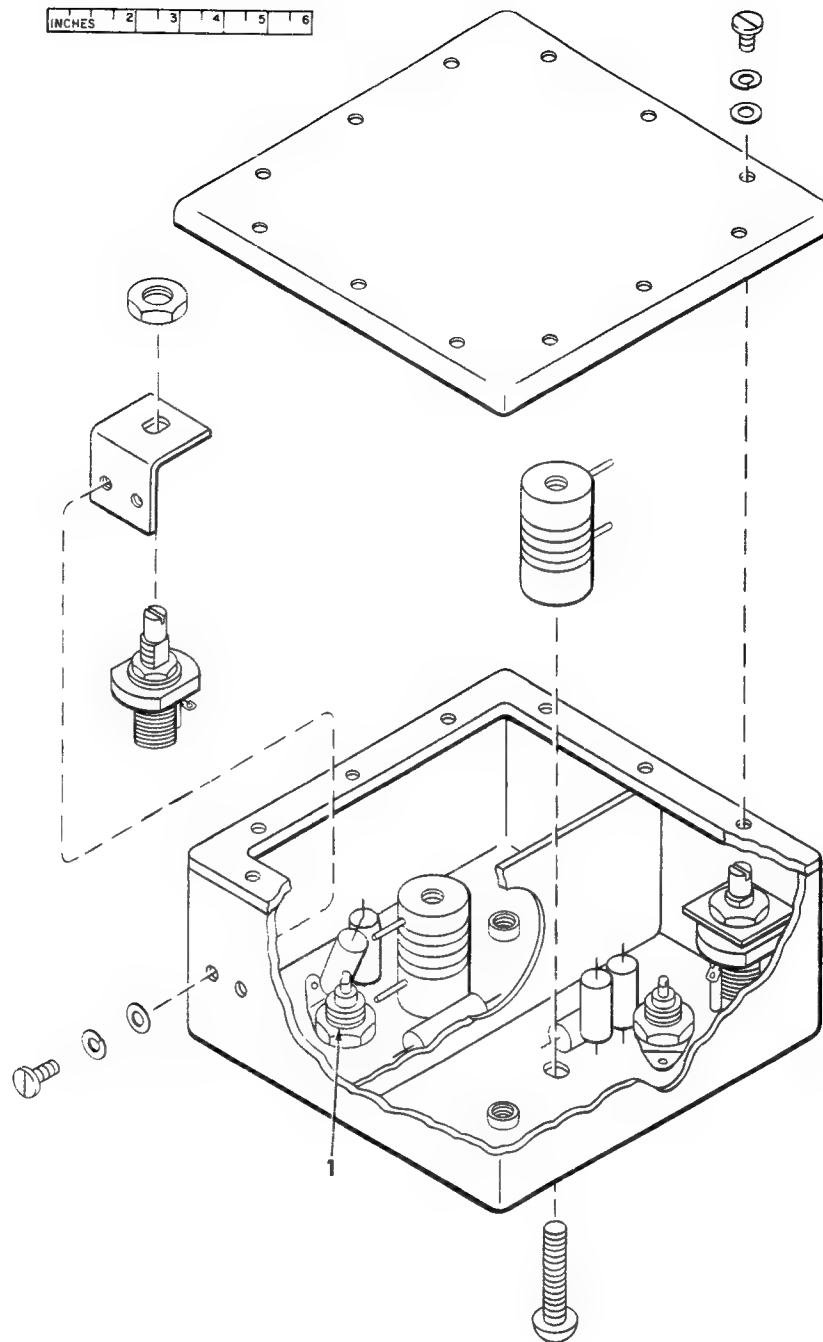




ORD G260088

1 TERMINAL 759894.

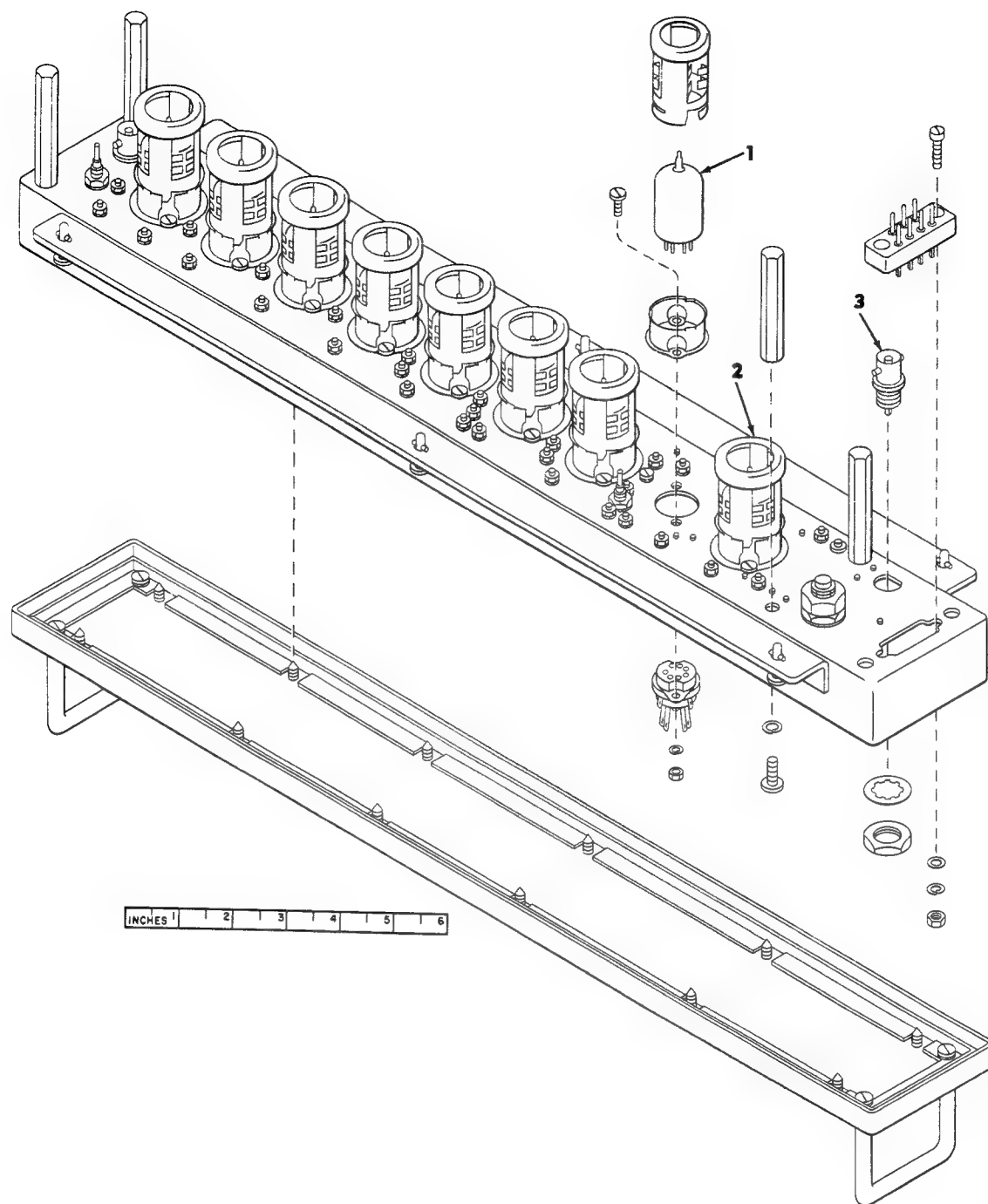
Figure 321. Control-indicator (10167333)—partial exploded view



ORD G284373

1 CONNECTOR MS-27035-625B

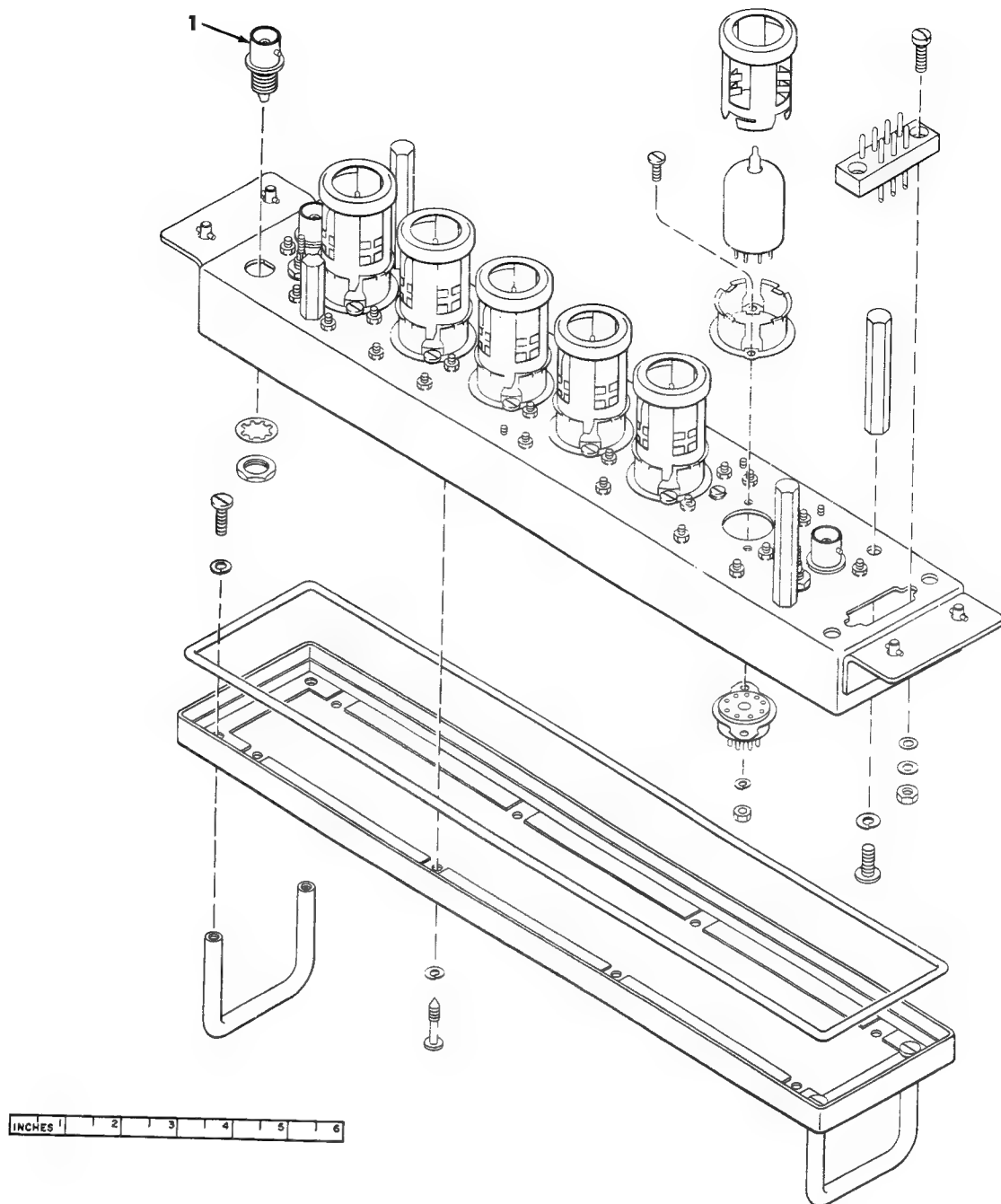
Figure 324. Filter (9145888)—exploded view



ORD G284372

- 1 ELECTRON TUBE 5726/6AL5w
- 2 ELECTRON TUBE 5670
- 3 CONNECTOR MS-27035-625B

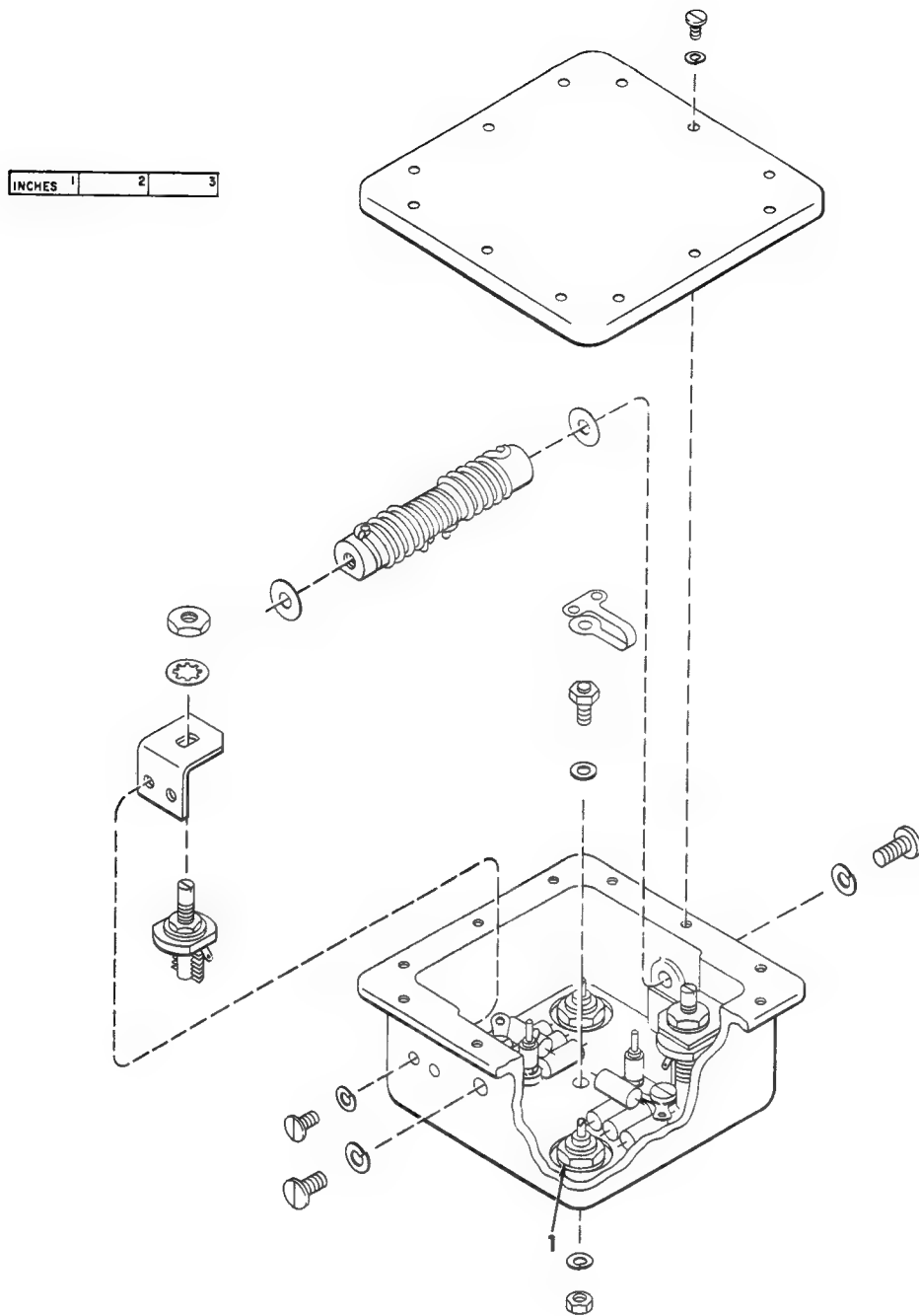
Figure 323. Detector, video signal (9012970)—exploded view



ORD G284375

1 CONNECTOR MS-27035-625B

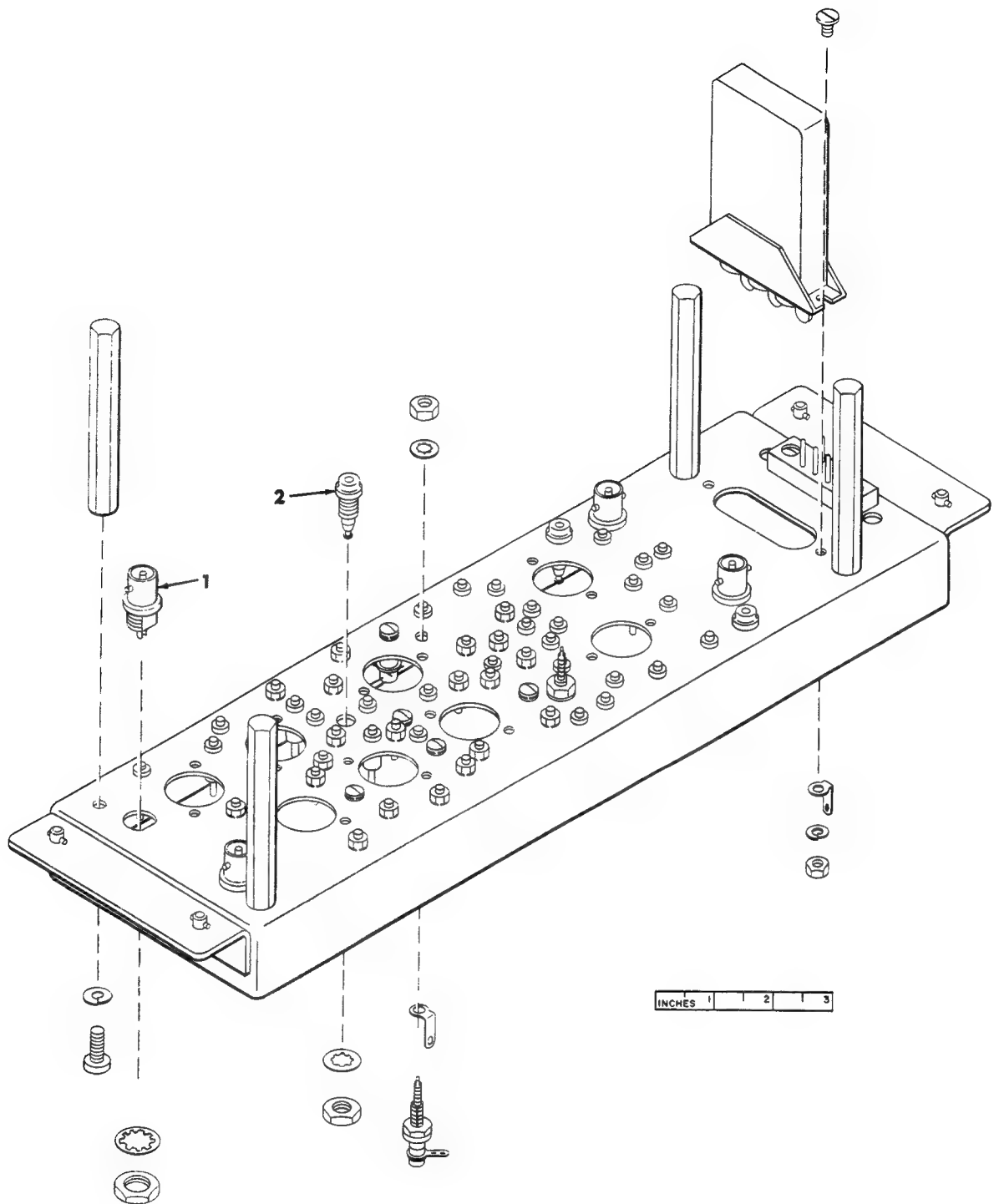
Figure 326. Amplifier, intermediate frequency (9012908)—exploded view



ORD G284374

1 CONNECTOR MS-27035-625B

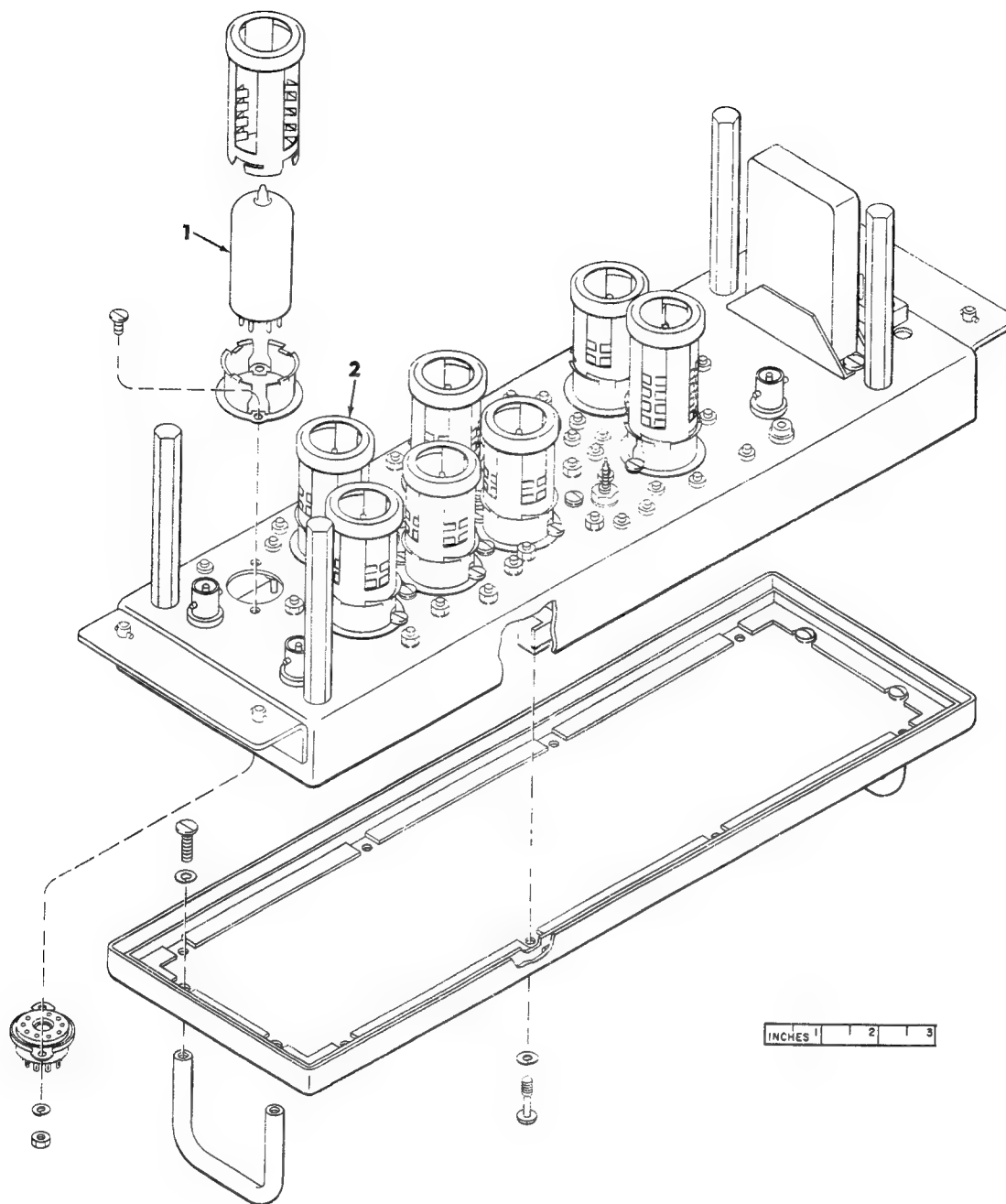
Figure 325. Filter assembly (9011984)—exploded view



- 1 CONNECTOR MS-27035-625B  
2 JACK 8134425

ORD G284377

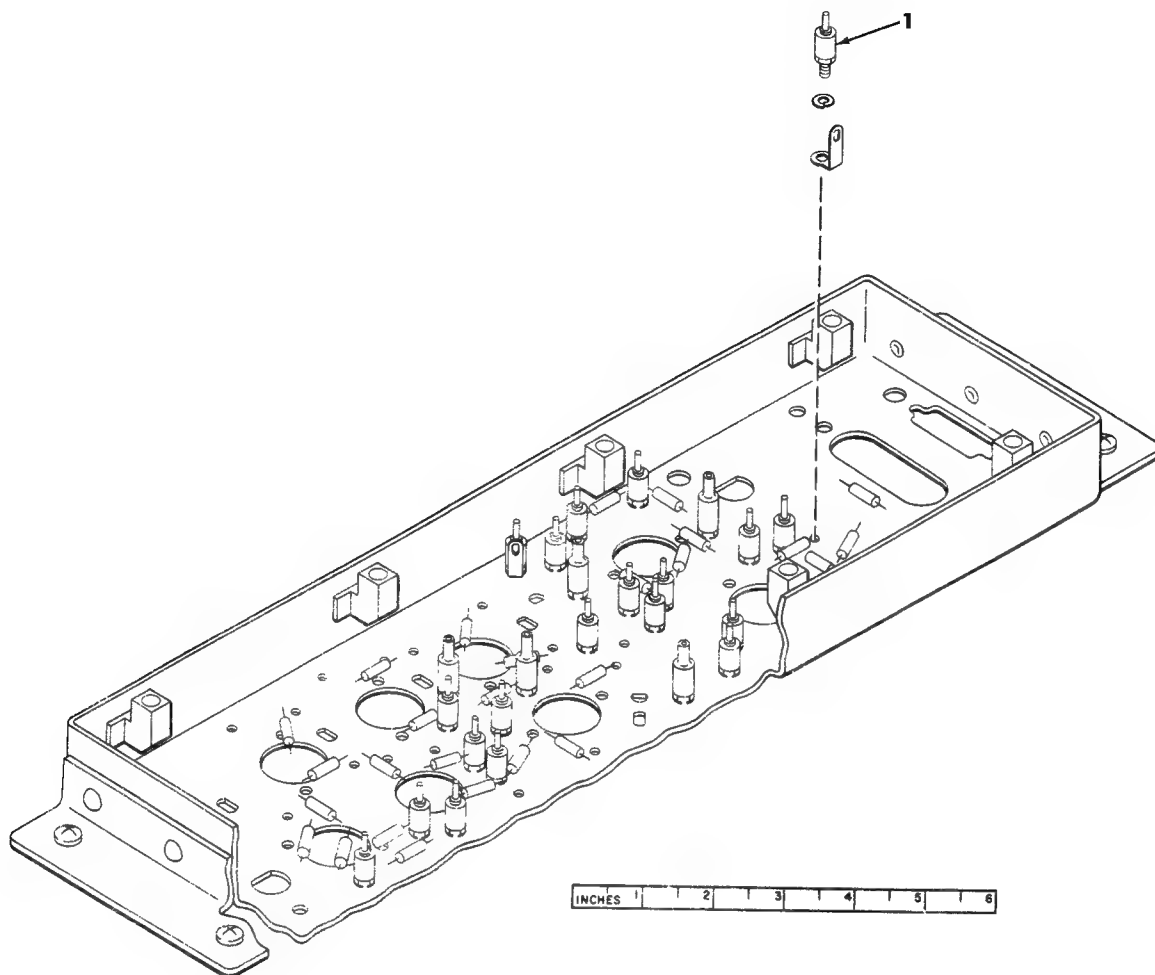
Figure 328. Detector, video signal (9012941)—partial exploded view



ORD G284376

- 1 ELECTRON TUBE 5687WA
- 2 ELECTRON TUBE 5670

Figure 327. Detector, video signal (9012941)—partial exploded view

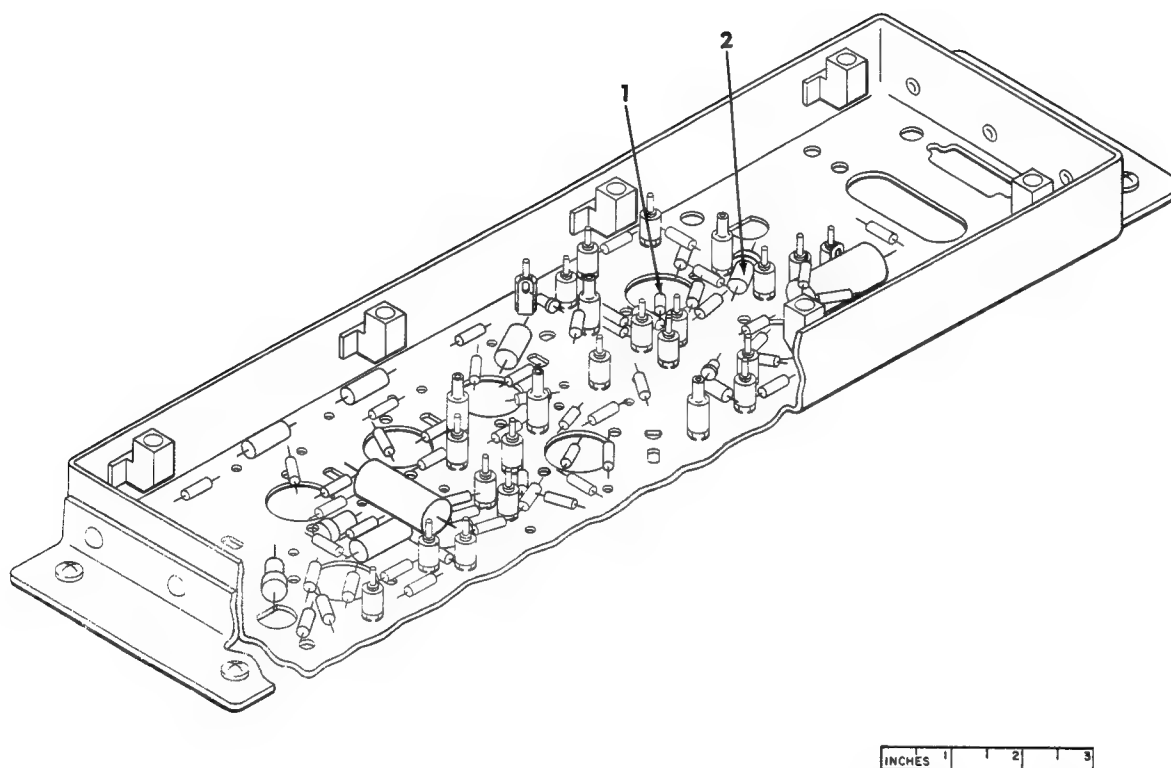


ORD G260094

1 TERMINAL 7598949

Figure 330. Detector, video signal (9012941)—partial exploded view

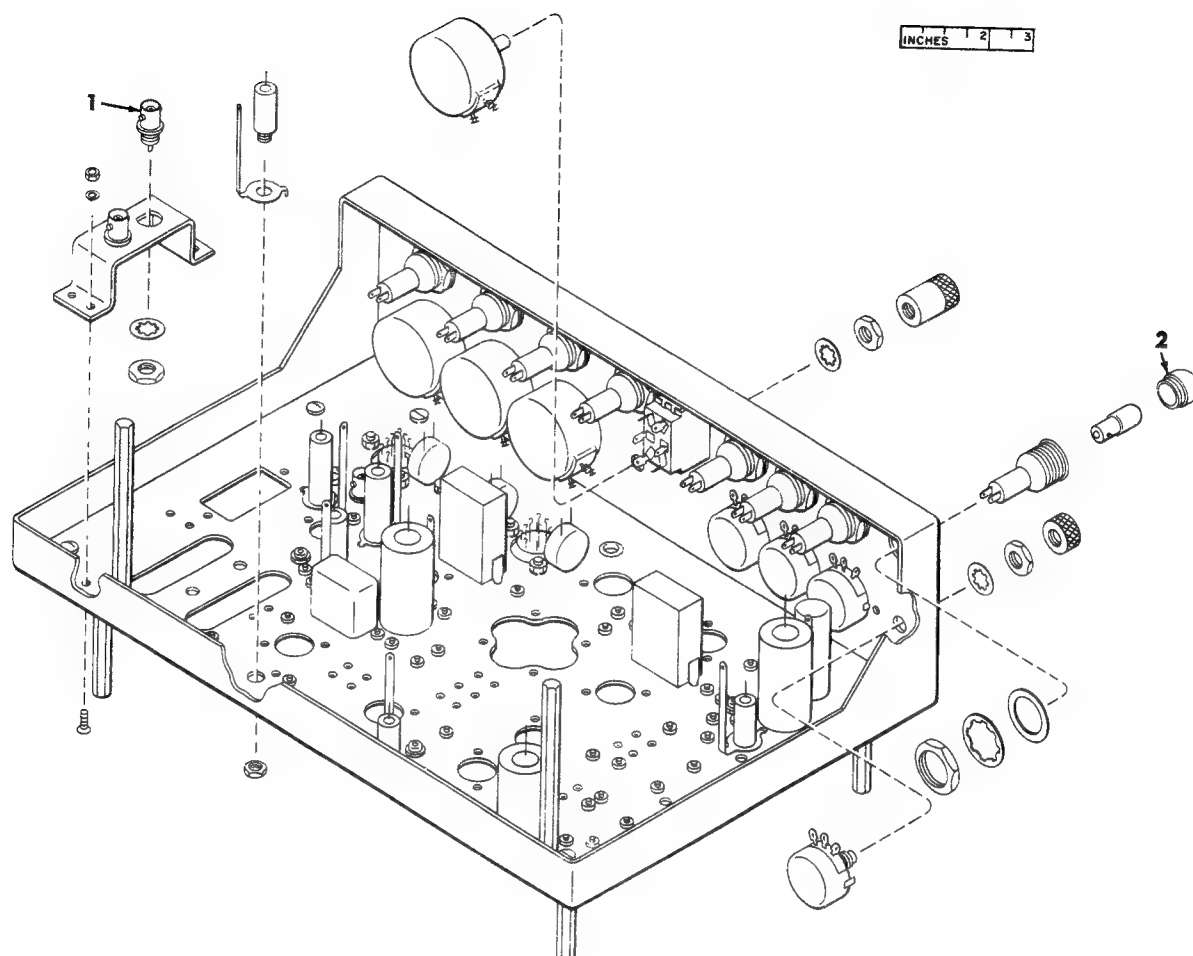




ORD G260093

- 1 SEMICONDUCTOR DEVICE  
IN198
- 2 CAPACITOR 8023439

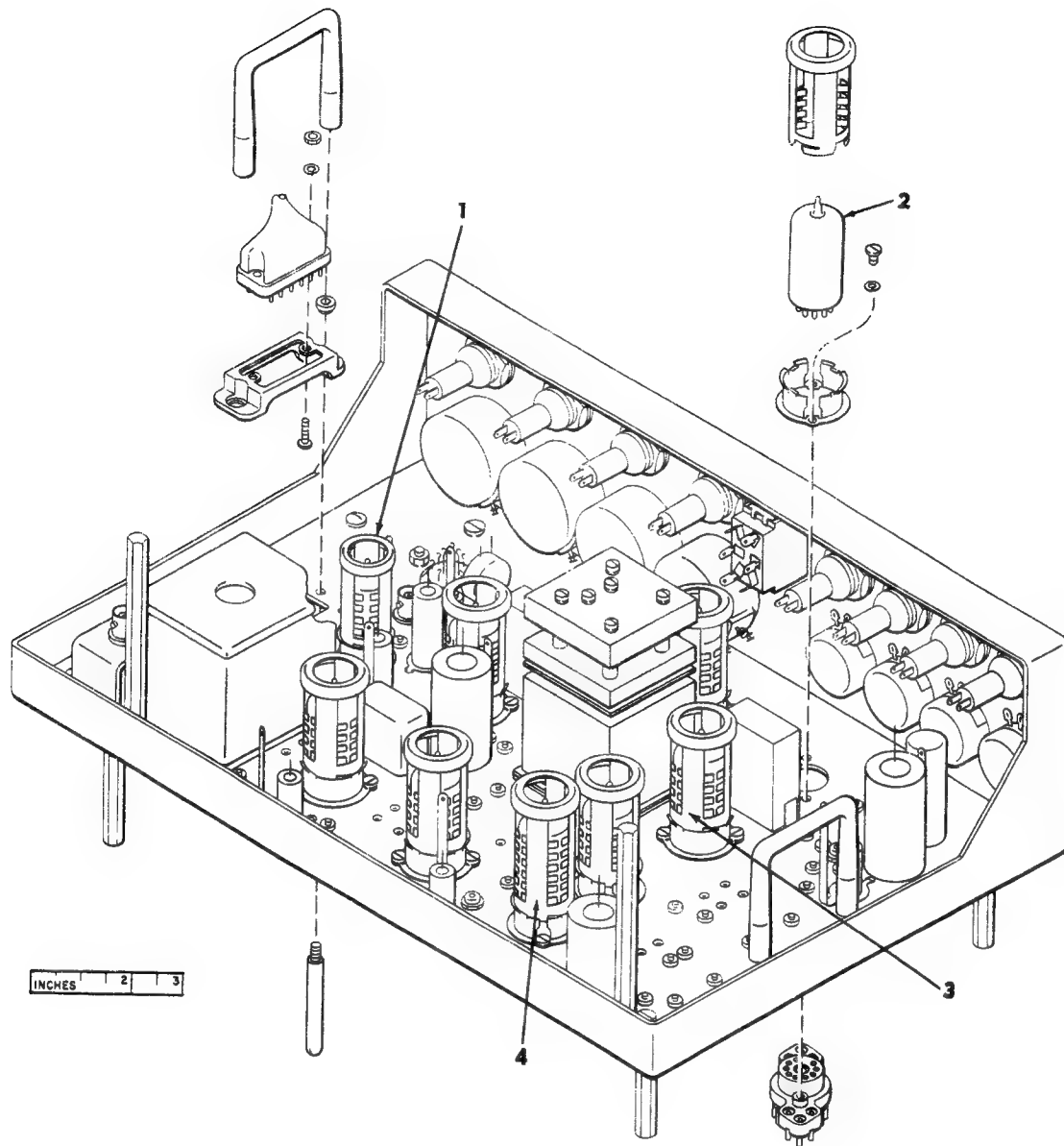
Figure 329. Detector, video signal (9012941)—partial exploded view



ORD G284379

- 1 CONNECTOR MS-27035-625B
- 2 LENS 7600003

Figure 332. Synchronizer, electrical (9136696)—partial exploded view

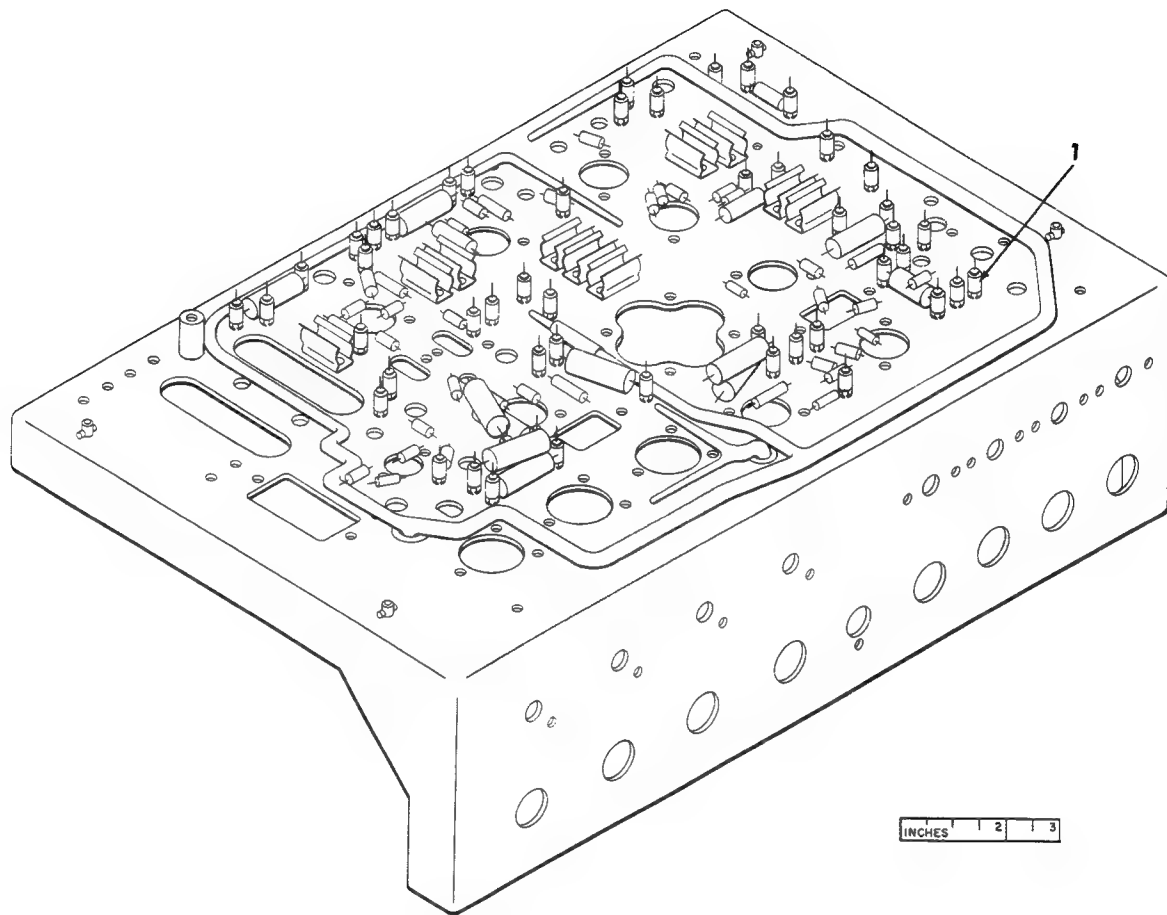


ORD G284378

1 ELECTRON TUBE 6AU6WB  
2 ELECTRON TUBE 5687WA

3 ELECTRON TUBE 5814A  
4 ELECTRON TUBE 6CL6

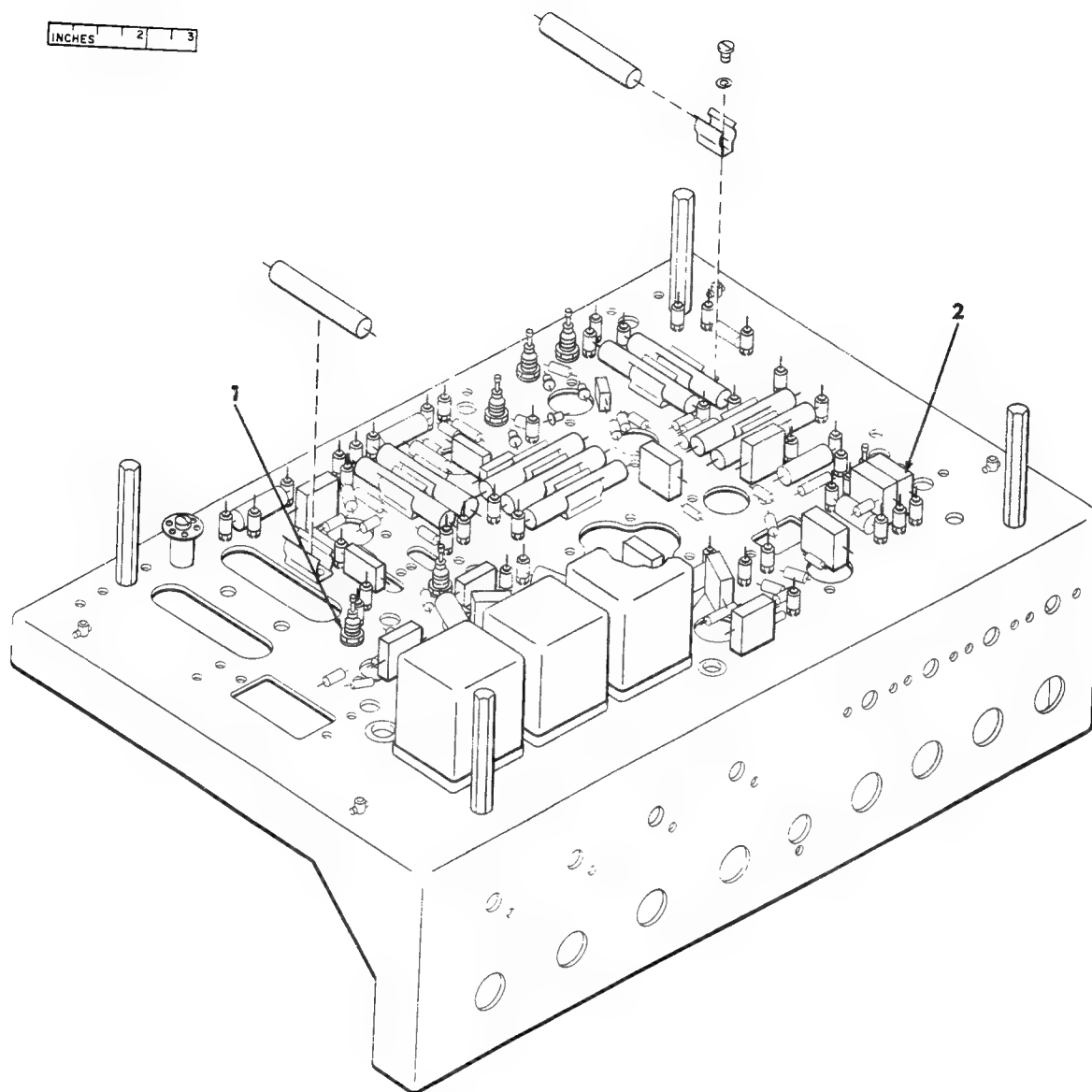
Figure 331. Synchronizer, electrical (9136696)—partial exploded view



ORD G260098

1 TERMINAL 7598949

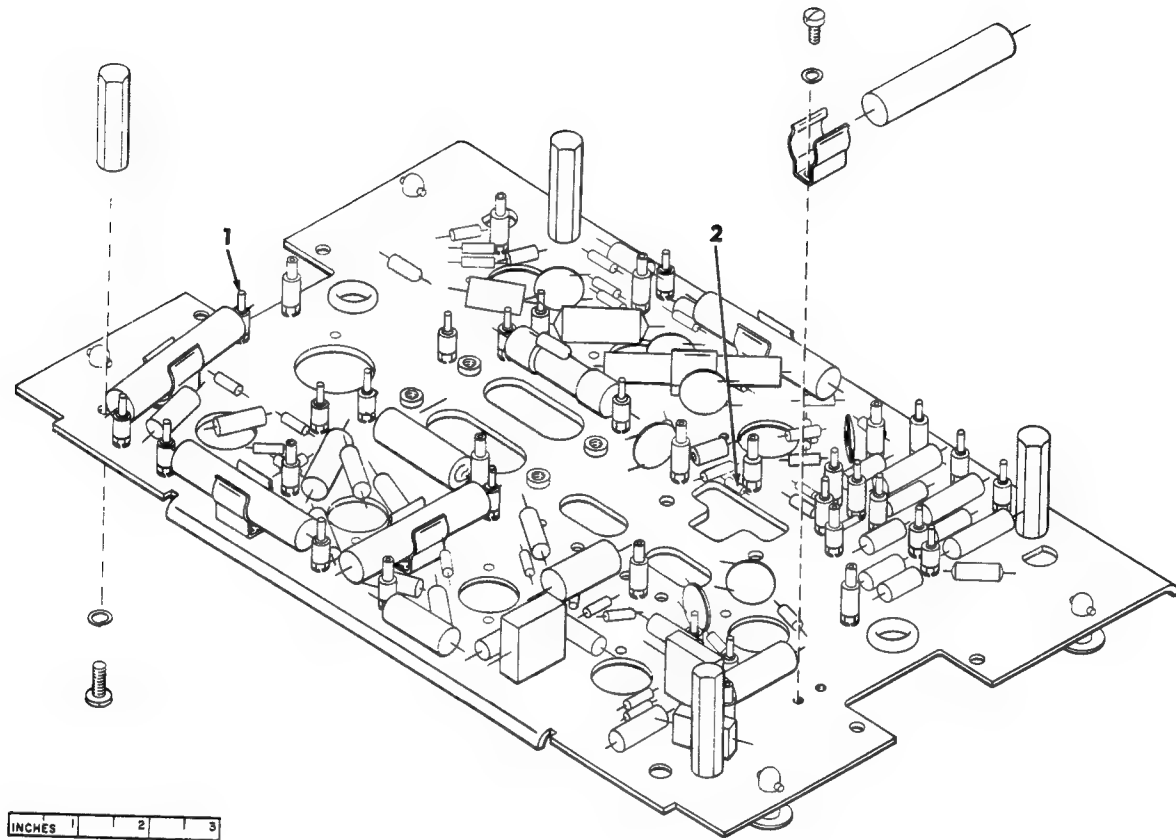
Figure 334. Synchronizer, electrical (9136696)—partial exploded view



ORD G284380

- 1 JACK 8175214
- 2 CAPACITOR CM35E103J

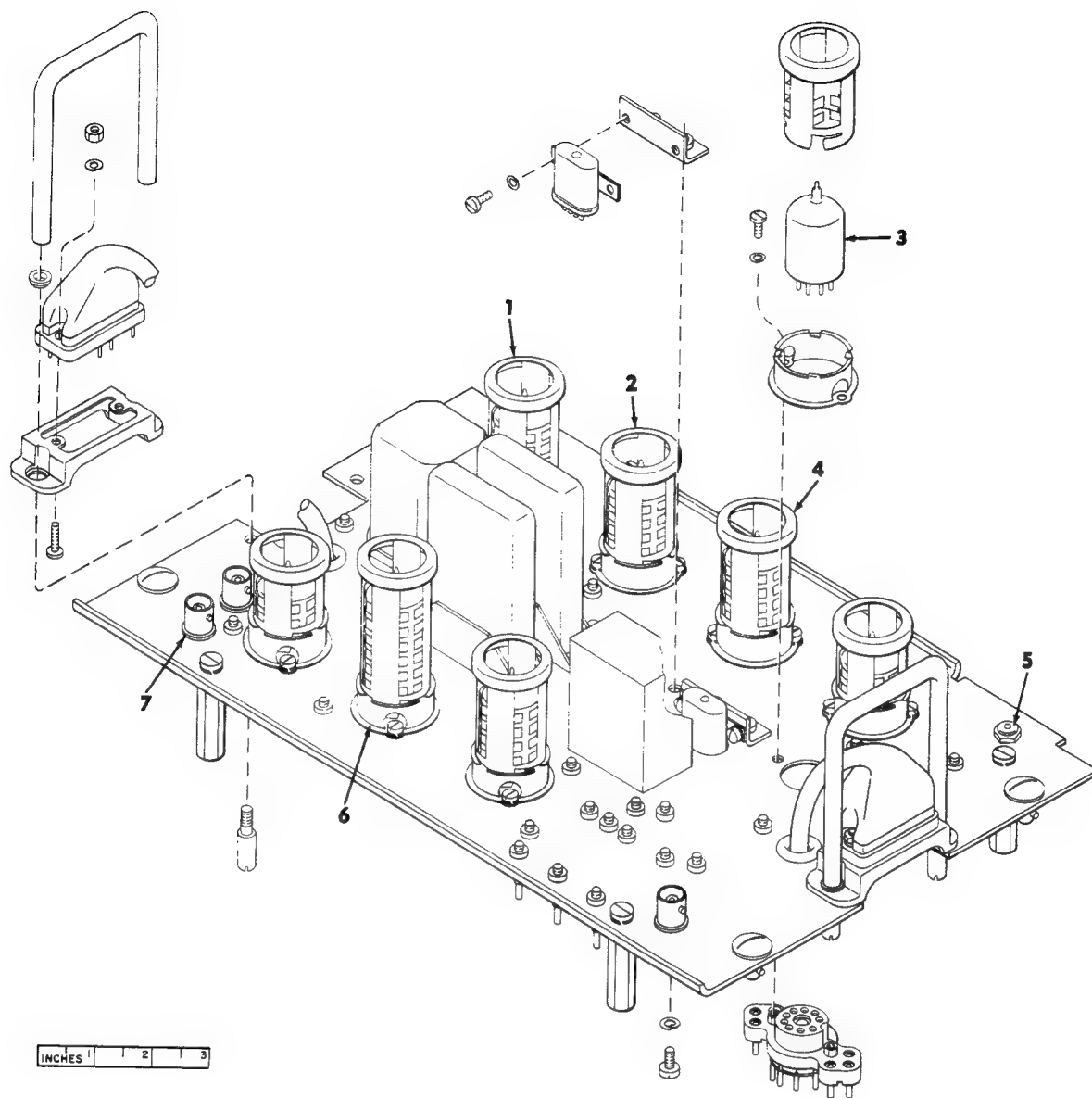
Figure 333. Synchronizer, electrical (9136696)—partial exploded view



ORD G284382

- 1 TERMINAL 7598949
- 2 SEMICONDUCTOR DEVICE  
1N198

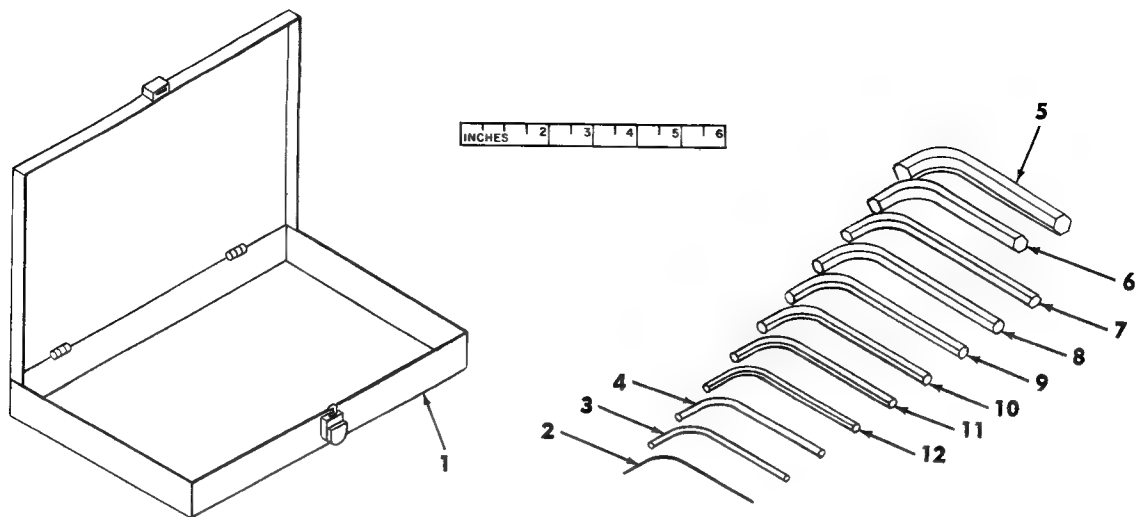
Figure 336. Control, receiver (9155859)—partial exploded view



- 1 ELECTRON TUBE 5814A
- 2 ELECTRON TUBE 5687WA
- 3 ELECTRON TUBE 5670
- 4 ELECTRON TUBE 5755
- 5 JACK 8175216
- 6 ELECTRON TUBE 6CL6
- 7 CONNECTOR MS-27035-625B

ORD G284381

Figure 335. Control, receiver (9155859)—partial exploded view

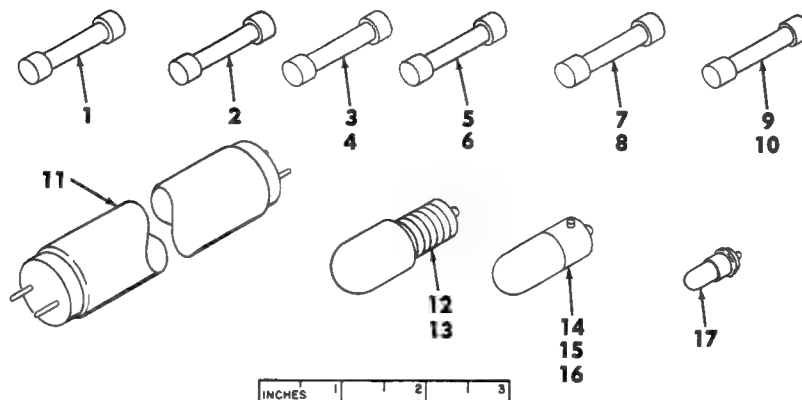


- 1 BOX 41-B-1642-90
- 2 KEY 41-W-2444
- 3 KEY 41-W-2446
- 4 KEY 41-W-2449
- 5 KEY 41-W-2445
- 6 KEY 41-W-2453

- 7 KEY 41-W-2456
- 8 KEY 41-W-2455
- 9 KEY 41-W-2454
- 10 KEY 41-W-2452
- 11 KEY 41-W-2451
- 12 KEY 41-W-2450

ORD G284384

Figure 338. KEY set (41-W-2417-80)



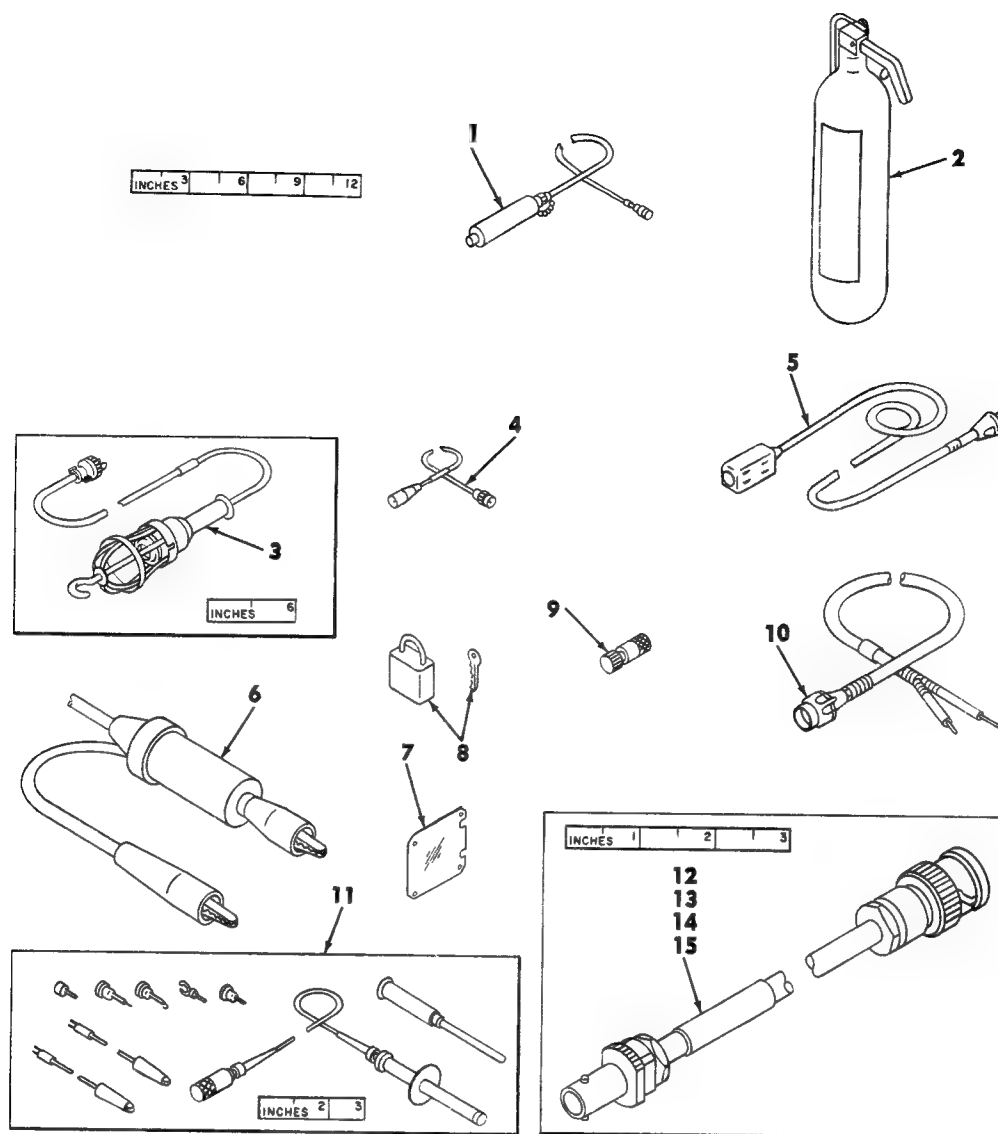
- 1 FUSE 9976156-1
- 2 FUSE F02A250V1/16A
- 3 FUSE 8034518-3
- 4 FUSE 8034518-5
- 5 FUSE 8516045
- 6 FUSE NAS-441-4-5
- 7 FUSE F02A250V6A
- 8 FUSE 572981
- 9 FUSE MS-90080-7

- 10 FUSE MS-90079-27
- 11 LAMP 8331295
- 12 LAMP NE-51
- 13 LAMP 8019877
- 14 LAMP NE-2A
- 15 LAMP MS-15584-6
- 16 LAMP 8330088
- 17 LAMP MS-35237-328

ORD G284385

Figure 339. Miscellaneous electrical apparatus

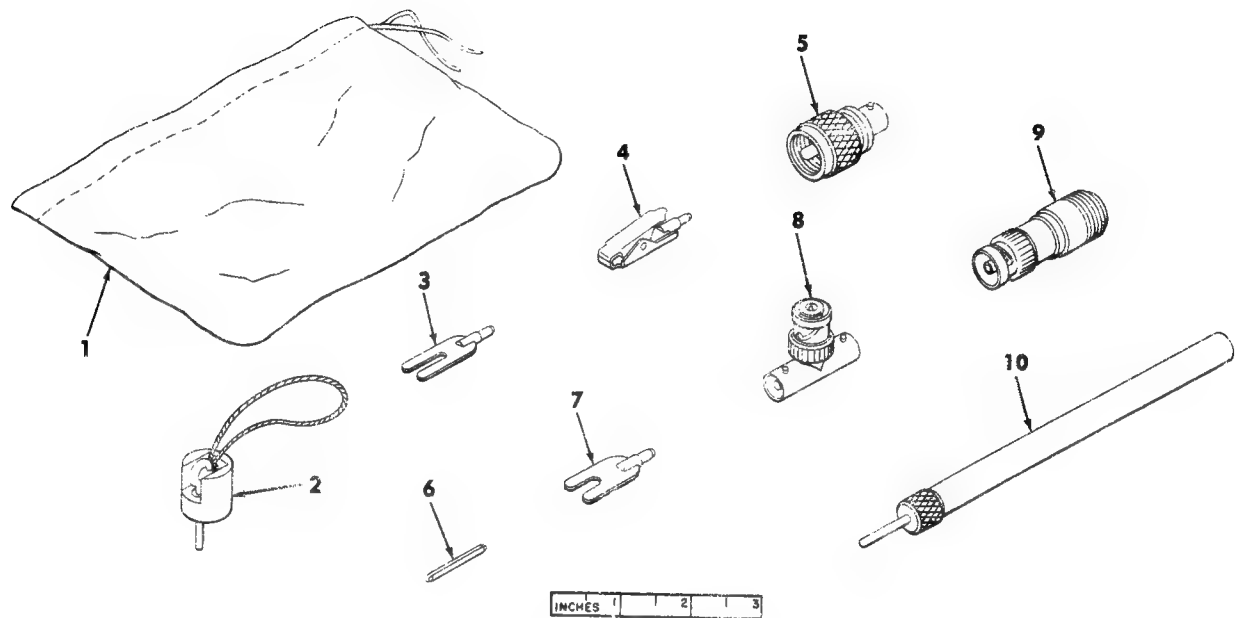




ORD G284383

- 1 CABLE ASSEMBLY 8020899
- 2 EXTINGUISHER 7605701
- 3 CORD 7690671
- 4 CABLE ASSEMBLY 8020898
- 5 CABLE ASSEMBLY 7607430
- 6 TEST PROBE ASSEMBLY 7614756
- 7 FILTER 9986561
- 8 PADLOCK MS-35647-8
- 9 CONNECTOR 9986559
- 10 CABLE ASSEMBLY 8150481
- 11 PROBE ASSEMBLY 9986573
- 12 CABLE ASSEMBLY 8020894
- 13 CABLE ASSEMBLY 8020895
- 14 CABLE ASSEMBLY 8020896
- 15 CABLE ASSEMBLY 8020897

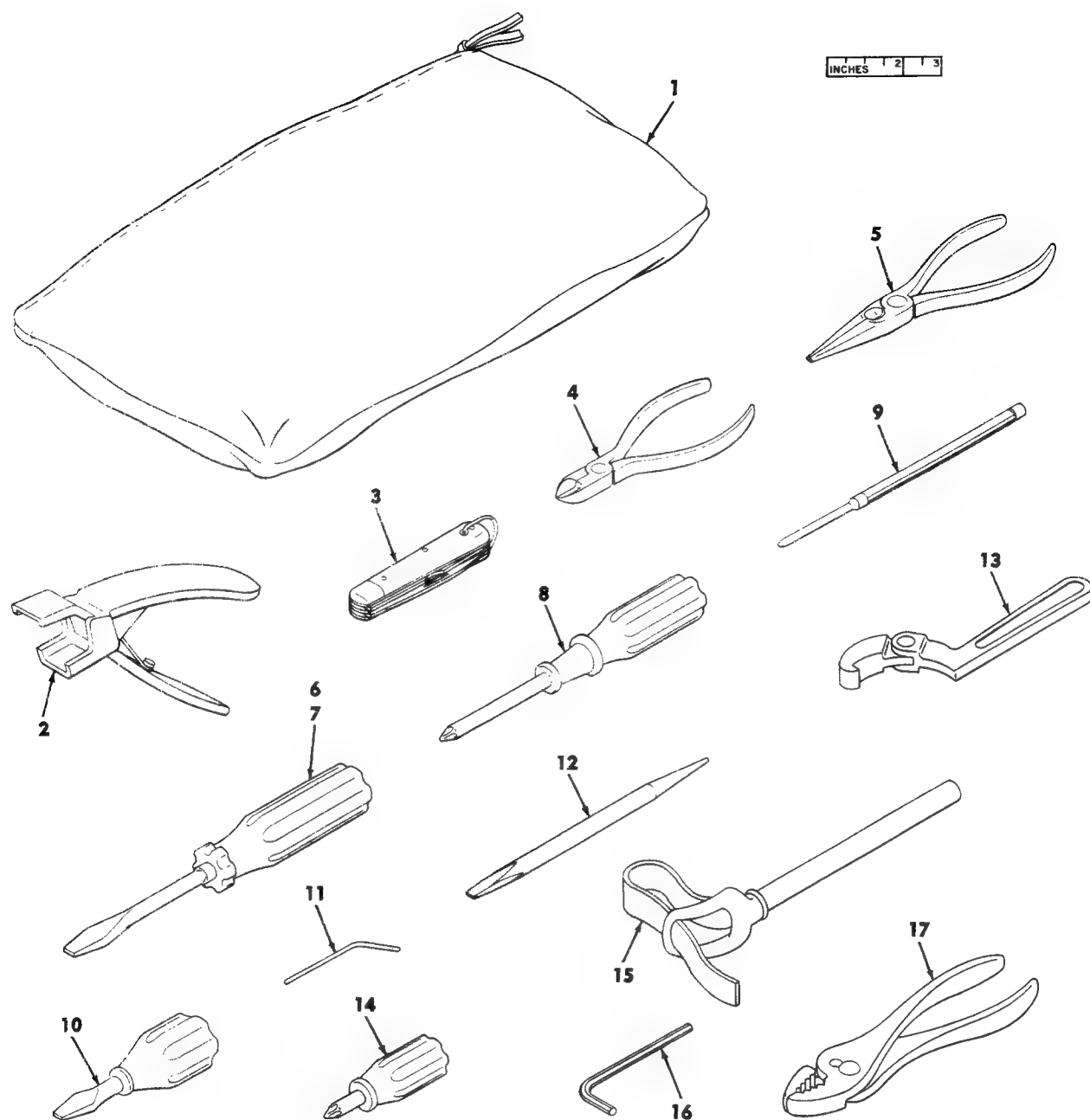
Figure 337. Miscellaneous apparatus



ORD G263441

- |                   |                         |
|-------------------|-------------------------|
| 1 BAG 7612721     | 6 PIN 7578681           |
| 2 CONTACT 7607433 | 7 TOOL 7578686          |
| 3 TOOL 7578680    | 8 ADAPTER MS-35173-2748 |
| 4 CLIP 7578683    | 9 ADAPTER 7601754       |
| 5 ADAPTER 7601753 | 10 TOOL 7578684         |

Figure 341. Test equipment set (9005464)



ORD G263425

- 1 BAG 8012689
- 2 EXTRACTOR 7620765
- 3 KNIFE 41-K-370
- 4 PLIERS 41-P-1948
- 5 PLIERS 7638739
- 6 SCREWDRIVER 41-S-1552

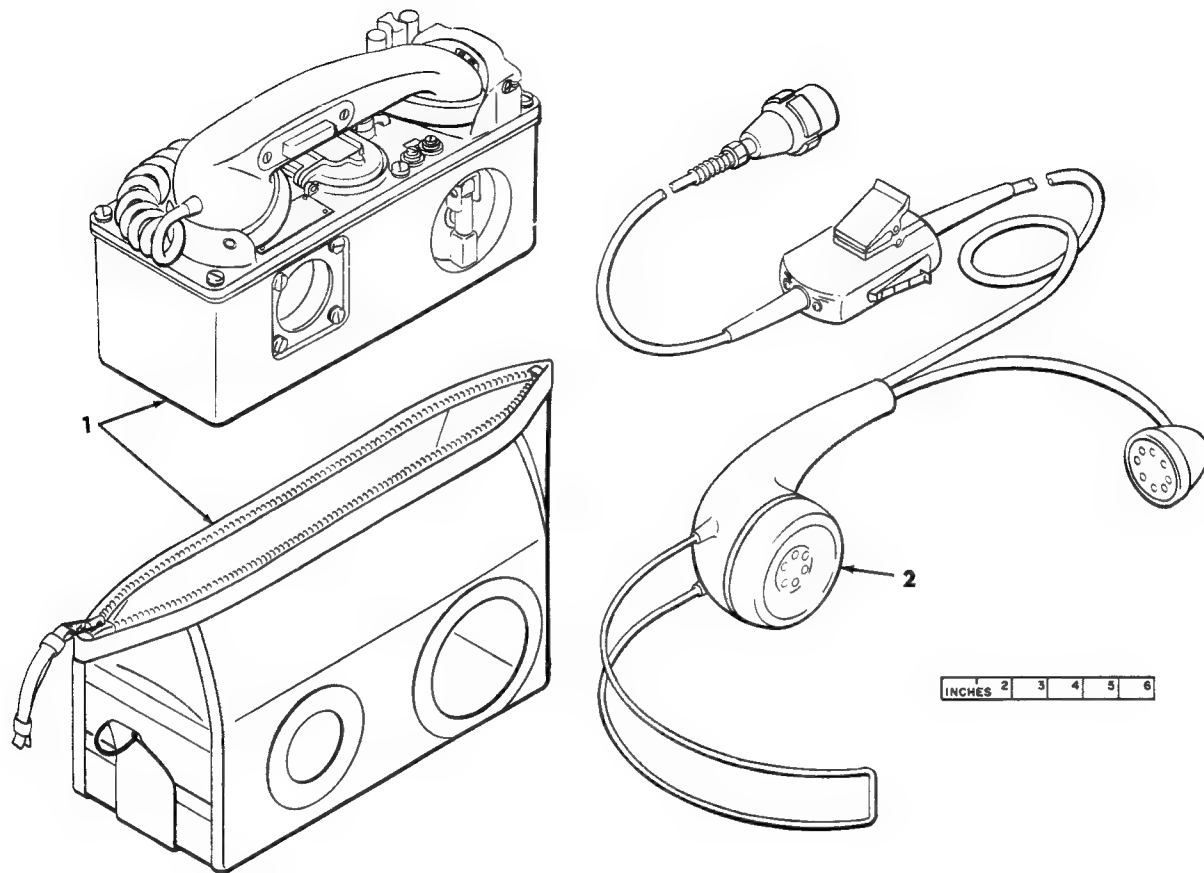
- 7 SCREWDRIVER 41-S-1228
- 8 SCREWDRIVER 41-S-1645-15
- 9 ALIGNMENT TOOL 7601883
- 10 SCREWDRIVER 41-S-1062-90
- 11 PIN 7601225
- 12 SPUDGER 7578690

- 13 WRENCH MS-16147-1
- 14 SCREWDRIVER MS-15224-2
- 15 WRENCH MS-16183-1
- 16 KEY 41-W-2446
- 17 PLIERS 41-P-1650

Figure 340. Tool kit, radar control

### SECTION III. NUMERICAL INDEX

REFERENCE NO.	ITEM NAME	FIG. NO.	ITEM NO.	REFERENCE NO.	ITEM NAME	FIG. NO.	ITEM NO.
CM20C820JP3	CAPACITOR	290	4	CP69B1EF105K1	CAPACITOR	293	1
CM35E103J	CAPACITOR	11	2	CP69B4EF254V1	CAPACITOR	293	2
		33	2	F02A250V1/16A	FUSE	339	2
		38	2	F02A250V6A	FUSE	22	4
		42	3			339	7
		45	1	F03A125V20A	FUSE	312	5
		53	1	F05B32B15A	FUSE	8	4
		54	4	F05B32V10A	FUSE	319	9
		57	2	F06A250V1A	FUSE	319	4
		71	3	F06A250V10A	FUSE	319	12
		77	1	F06A250V15A	FUSE	319	6
		86	1	F06A250V2A	FUSE	319	2
		101	3	F06A250V3A	FUSE	319	10
		110	3	F06A250V5A	FUSE	319	3
		115	1				
		124	1	H-144A/U	HEADSET-MICROPHONE	340	2
		127	3	MS-15224-2	SCREWDRIVER	340	14
		135	2	MS-15571-2	LAMP	65	2
		157	2			98	2
		163	3			107	2
		166	3			113	2
		167	1			227	1
		169	1			238	1
		175	1			240	5
		185	1			281	1
		189	1			318	4
		197	1	MS-15584-6	LAMP	339	15
		211	1	MS-16147-1	WRENCH	340	13
		236	3	MS-16183-1	WRENCH	340	15
		254	1	MS-25100-23	SWITCH	135	4
		273	1			151	2
		276	2			162	3
		290	3				
		300	2				
		302	1				
		307	1				
		333	2				
CM40E103J	CAPACITOR	52	2				
		53	4				
		54	2				
		57	1				
CP55B4EF104V1	CAPACITOR	187	3				
CP65B1EE105K1	CAPACITOR	104	5				
CP69B1EF105K1	CAPACITOR	13	2				
		55	1				
		162	2				
		288	1				
		291	1				



ORD G263442

- 1 TELEPHONE 1A-312/PT
- 2 HEADSET-MICROPHONE  
H-144A/U

Figure 342. Telephone equipment

# NUMERICAL INDEX

TM 9-1430-250-12P/10/2

REFERENCE NO.	ITEM NAME	FIG. NO.	ITEM NO.	REFERENCE NO.	ITEM NAME	FIG. NO.	ITEM NO.
41-S-1645-15	SCREWDRIVER	340	8	5687WA	ELECTRON TUBE	49	8
41-W-2444	KEY	338	2			55	2
41-W-2445	KEY	338	5			75	1
41-W-2446	KEY	338	3			99	2
		340	16			111	1
41-W-2449	KEY	338	4			116	1
41-W-2450	KEY	338	12			120	3
41-W-2451	KEY	338	11			133	1
41-W-2452	KEY	338	10			142	1
41-W-2453	KEY	338	6			145	1
41-W-2454	KEY	338	9			155	1
41-W-2455	KEY	338	8			158	4
41-W-2456	KEY	338	7			161	4
SADP1	ELECTRON TUBE	97	1			164	1
		226	1			168	3
		280	1			174	1
SAFP1	ELECTRON TUBE	270	1			182	1
S651WA	ELECTRON TUBE	242	1			187	4
S670	ELECTRON TUBE	36	1			194	2
		40	1			198	2
		44	3			203	2
		49	2			208	3
		55	6			214	1
		70	2			229	3
		85	1			251	3
		102	1			255	2
		104	4			272	3
		125	1			275	1
		142	2			277	1
		145	4			288	3
		155	6			291	2
		158	6			293	4
		161	3			295	4
		164	3			297	3
		168	1			305	5
		174	2			327	1
		182	2			331	2
		187	1			335	2
		194	3	5693	ELECTRON TUBE	126	1
		198	3			128	1
		203	6			132	1
		208	2				
		214	2	5726/6ALS	ELECTRON TUBE	282	2
		249	3			36	3
		251	1			40	3
		266	2			44	2
		272	5			49	1
		277	4			55	8
		282	1			70	1
		288	2			102	2
		299	4			109	4
		305	2			111	2
		323	2			145	6
		327	2			155	4
		335	3			174	4
5687WA	ELECTRON TUBE	16	2			187	2
		19	1			198	1
		24	2			203	4
		32	1			208	1
		36	2			232	3
		40	2			299	1
		44	5			323	1
				5725/6AS6H	ELECTRON TUBE	44	1
						55	7
						203	3
				5727/2D21H	ELECTRON TUBE	266	1
				572981	FUSE	339	8
				5751	ELECTRON TUBE	142	3
						160	3
						232	2
						277	3
						301	2

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REFERENCE NO.	ITEM NAME	FIG. NO.	ITEM NO.	REFERENCE NO.	ITEM NAME	FIG. NO.	ITEM NO.
MS-25231-1819	LAMP	6	1	MS-35647-8	PADLOCK	337	8
		15	3	MS-90079-27	FUSE	22	5
		21	5			339	10
		59	2	MS-90080-7	FUSE	339	9
		63	6	NAS-441-4-5	FUSE	7	1
		82	2			8	3
		91	3			339	6
		219	5	NE-2A	LAMP	246	1
		224	3			271	1
		269	3			306	1
		284	6			339	14
		318	1	NE-51	LAMP	63	3
MS-25236-323	LAMP	161	1			339	12
MS-25237-327	LAMP	148	2	0A2WA	ELECTRON TUBE	16	1
MS-27035-625B	CONNECTOR	149	1			24	1
		69	1			203	1
		104	3	0A3	ELECTRON TUBE	15	5
		109	1	0B2WA	ELECTRON TUBE	49	6
		112	1			297	2
		117	1	SS01A20	SWITCH	180	1
		120	1	TA-312/PT	TELEPHONE	342	1
		123	1	1N198	SEMICONDUCTOR	20	1
		126	2			33	6
		129	1			38	3
		131	2			42	2
		143	1			48	2
		145	7			51	2
		147	1			52	1
		150	1			53	2
		152	1			54	3
		156	1			56	3
		158	8			101	2
		162	1			105	3
		165	1			144	2
		168	4			159	3
		173	1			166	2
		175	2			167	2
		188	4			210	2
		204	5			267	2
		207	1			290	2
		213	1			296	1
		228	2			329	1
		230	1			336	2
		232	4	10ALP19	ELECTRON TUBE	241	1
		235	1	12AT7WA	ELECTRON TUBE	164	5
		244	1			255	1
		252	1			295	1
		267	1	3B24WA	ELECTRON TUBE	93	1
		272	1			287	1
		275	3	3E29	ELECTRON TUBE	247	1
		277	2	41-B-1642-90	BOX	338	1
		289	1	41-K-370	KNIFE	340	3
		292	1	41-P-1650	PLIERS	340	17
		294	1	41-P-1948	PLIERS	340	4
		295	3	41-S-1062-90	SCREWDRIVER	340	10
		299	3	41-S-1228	SCREWDRIVER	340	7
		305	8	41-S-1552	SCREWDRIVER	340	6
		322	2				
		323	3				
		324	1				
		325	1				
		326	1				
		328	1				
		332	1				
		335	7				
MS-35059-26	SWITCH	23	1				
		59	4				
		82	4				
		151	1				
		320	1				
MS-35173-274B	ADAPTER	341	8				
MS-35237-328	LAMP	339	17				

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TM 9-1430-250-12P/10/2

REFERENCE NO.	ITEM NAME	FIG. NO.	ITEM NO.	REFERENCE NO.	ITEM NAME	FIG. NO.	ITEM NO.
7598934	CONNECTOR	49	10	7598949	TERMINAL	183	1
		58	2			184	1
		67	2			195	1
		71	2			196	1
		72	2			200	1
		74	2			204	1
		76	2			205	1
		83	2			210	1
		84	2			215	1
		85	4			222	2
		87	2			223	1
		88	2			228	1
		100	2			231	3
		103	2			233	1
		104	7			236	2
		110	2			245	1
		112	2			253	1
		114	2			255	4
		117	3			260	1
		121	2			263	3
		124	3			264	3
						265	1
		127	2			267	3
		130	2			274	2
		132	3			278	2
		134	3			283	1
		143	4			285	1
		157	6			286	1
		158	2			290	1
		163	2			296	2
		169	4			298	2
		171	2			300	1
		172	1			302	3
		188	3			303	1
		199	3			306	2
		202	2			317	1
		211	2			321	1
		255	3			322	1
		262	2			330	1
		266	4			334	1
		299	6			336	1
		305	7				
7598937	SEMICONDUCTOR	135	3	7599786	MOTOR	26	1
		163	4			141	3
		169	2	7599795	SWITCH	21	7
		188	1	7599913	BUZZER	59	3
7598949	TERMINAL	11	1			224	1
		28	2	7599998	LENS	219	4
		29	1	7600002	LENS	21	4
		33	1			318	5
		34	2	7600003	LENS	21	1
		39	4			91	4
		43	3			284	2
		65	3			318	6
		66	1			332	2
		68	2	7601225	PIN	340	11
		76	3	7601753	ADAPTER	341	5
		80	2	7601754	ADAPTER	341	9
		83	3	7601883	ALIGNMENT TOOL	340	9
		87	5	7601946	SWITCH	177	2
		88	3			190	2
		92	1	7602749	SWITCH	6	5
		94	1			28	1
		95	1			62	1
		101	1			64	3
		103	3			79	1
		105	2			139	1
		108	1				
		122	1				
		134	1				
		135	1				
		144	1				
		146	2				
		153	1				
		157	4				
		159	1				



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REFERENCE NO.	ITEM NAME	FIG. NO.	ITEM NO.	REFERENCE NO.	ITEM NAME	FIG. NO.	ITEM NO.
5755	ELECTRON TUBE	10	1	6CL6	ELECTRON TUBE	158	9
		67	3			272	2
		75	2			305	3
		158	5			331	4
		160	2			335	6
		161	5	6005/6AQ5W	ELECTRON TUBE	161	2
		170	1			164	2
		203	5			295	5
		249	1				
		297	1	6901	ELECTRON TUBE	15	4
		305	4			19	2
		335	4			24	3
5763	ELECTRON TUBE	36	5	7578680	TOOL	341	3
		40	5	7578681	PIN	341	6
		145	3	7578683	CLIP	341	4
		155	3	7578684	TOOL	341	10
5814A	ELECTRON TUBE	49	3	7578686	TOOL	341	7
		73	1	7578690	SPUDGER	340	12
		75	3	7598051	CONNECTOR	17	1
		95	2			18	1
		109	3			37	2
		120	2			41	2
		131	1			44	6
		133	3			49	9
		158	3			58	1
		161	1			67	1
		164	4			71	1
		174	3			74	1
		182	3			76	1
		187	5			83	1
		194	1			84	1
		229	1			85	3
		232	1			87	1
		251	2			88	1
		255	5			100	1
		275	2			103	1
		291	3			104	6
		293	3			110	1
		295	2			114	1
		299	2			117	2
		301	1			121	1
		331	3			124	2
		335	1			127	1
6AG7Y	ELECTRON TUBE	104	1			130	1
		234	1			132	2
		251	4			134	2
						143	3
6AH6	ELECTRON TUBE	44	4			157	5
		49	7			158	1
		55	3			163	1
		99	1			169	3
		104	2			171	1
		133	2			199	2
		161	6			202	1
		168	2			211	1
		174	5			262	1
		187	6			266	3
		229	2			299	5
		234	2			305	6
		272	4	7598934	CONNECTOR	10	3
		305	1			12	1
6AK5WB	ELECTRON TUBE	109	2			14	1
		145	2			17	2
		155	2			18	2
6AS7G	ELECTRON TUBE	10	2			31	1
		13	1			34	1
6AU6WB	ELECTRON TUBE	229	4			37	3
		249	2			41	3
		291	4			44	7
		293	5				
		331	1				

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REFERENCE NO.	ITEM NAME	FIG. NO.	ITEM NO.
8134425	JACK	46	2
		50	4
		56	1
		68	1
		160	1
		171	3
		204	2
		215	2
		248	1
		298	4
		328	2
8150481	CABLE ASSEMBLY	337	10
8159246	GENERATOR	27	6
8159347	CODER	27	4
8159349	CODER	27	5
8159350	PANEL	27	1
8168973	LENS	30	2
		35	3
8171393	AMPLIFIER	96	2
8171572	GENERATOR	137	4
8171824	CABLE ASSEMBLY	2	3
8172375	GENERATOR	96	1
8173585	FUSE	8	5
8173973	GENERATOR	138	4
8175016	JACK	33	3
		39	3
		43	2
		47	2
		50	1
		56	4
8175017	JACK	39	2
		43	1
		46	1
		50	2
		56	5
		298	3
		302	2
8175030	LENS	269	2
8175031	LENS	269	4
8175032	LENS	21	6
		63	5
		91	8
		106	4
		224	2
		284	7
		318	7
8175035	LENS	63	7
		74	3
		106	2
		224	4
8175214	JACK	81	1
		199	1
		204	3
		211	3
		248	2
		259	1
8175216	JACK	333	1
8175216	JACK	56	7

REFERENCE NO.	ITEM NAME	FIG. NO.	ITEM NO.
8175216	JACK	143	2
		158	7
		204	4
		298	1
		335	5
8175281	ELECTRON TUBE	145	5
8175304	SWITCH	155	5
		63	2
		91	1
		237	1
8175312	LENS	284	1
8175384	FUSE	63	4
		91	2
		237	3
8175445	LENS	8	6
		319	5
8175515	SEMICONDUCTOR	219	3
8175553	BELT	157	1
8175630	LENS	4	1
8175631	LENS	219	1
8175666	FILTER	219	2
8176510	LAMP	3	1
8177119	SWITCH	141	1
8217150	CRYSTAL UNIT	113	1
		37	1
8328096	LENS	41	1
		6	3
		7	3
		9	1
		15	2
		21	3
		59	1
		82	1
		91	6
		284	4
8330088	LAMP	318	2
8331295	LAMP	339	16
8511693	SWITCH	339	11
8513525	AMPLIFIER-MIXER	80	1
		258	1
8515007	CRYSTAL UNIT	60	5
		33	4
		38	1
		42	1
		47	1
		51	1
		53	3
		54	1
		56	2
		118	1
8515008	TRANSFORMER	85	2
8515659	LENS	32	3
		35	1
		49	4
		55	4
8515660	ELECTRON TUBE	36	4

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REFERENCE NO.	ITEM NAME	FIG. NO.	ITEM NO.	REFERENCE NO.	ITEM NAME	FIG. NO.	ITEM NO.
7602749	SWITCH	218	1	8007728	GENERATOR	60	8
		257	1	8008199	CONTROL	138	6
		309	1	8009261	SIMULATOR	64	2
7605334	MOTOR-GENERATOR	72	1	8009590	FILTER	154	1
		89	1			201	1
		90	1			206	1
		193	1			210	3
7605701	EXTINGUISHER	337	2			216	1
7605718	LAMP	6	2			217	1
		7	2	8010134	TELEPHONE SET	61	1
		9	2			220	8
		21	2	8010424	CHAIR	2	1
		30	1	8010743	CAPACITOR	160	4
		32	2			170	2
		35	2	8012689	BAG	340	1
		49	5	8015382	REGULATOR	64	1
		55	5			141	2
		74	4			221	1
		91	5			222	1
		237	2	8018269	PHOTOCELL UNIT	119	1
		284	3	8019381	CRYSTAL UNIT	163	5
		318	3			166	1
7607430	CABLE ASSEMBLY	337	5			169	5
7607433	CONTACT	341	2	8019877	LAMP	339	13
7612362	CABLE ASSEMBLY	2	6	8020894	CABLE ASSEMBLY	337	12
7612363	CABLE ASSEMBLY	2	7	8020895	CABLE ASSEMBLY	337	13
7612364	CABLE ASSEMBLY	2	8	8020896	CABLE ASSEMBLY	337	14
7612367	CABLE ASSEMBLY	2	5	8020897	CABLE ASSEMBLY	337	15
7612781	BAG	341	1	8020898	CABLE ASSEMBLY	337	4
7614253	AMPLIFIER	78	1	8020899	CABLE ASSEMBLY	337	1
		256	2	802439	CAPACITOR	101	4
7614301	SWITCH	136	1			105	1
7614756	TEST PROBE ASSEMBLY	337	6			157	3
7620552	REGULATOR	5	2			159	2
		313	3			188	2
7620765	EXTRACTOR	340	2			209	1
7621591	POWER SUPPLY	5	7			231	2
7638739	PLIERS	340	5			236	1
7674818	SYNCHRO	178	1			273	2
		179	1			329	2
		191	1	8024302	MOTOR	180	2
		192	1	8024445	CRYSTAL UNIT	146	1
7674819	SYNCHRO	98	1			274	1
		107	1			276	1
		304	1			278	1
7690671	CORD	337	3	8034518-3	FUSE	339	3
8007327	CABLE ASSEMBLY	2	4	8034518-5	FUSE	22	3
8007721	GENERATOR	60	1			339	4
8007722	OSCILLOSCOPE	60	2	8034518-6	FUSE	8	7
8007725	GENERATOR	60	6			312	3
8007726	GENERATOR	60	7			319	8
8007727	GENERATOR	60	9	8134425	JACK	33	5
						39	1
						43	4

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REFERENCE NO.	ITEM NAME	FIG. NO.	ITEM NO.
9155859	CONTROL	316	2
9156065	AMPLIFIER	225	2
9156311	AMPLIFIER	279	3
9156506	MONITOR	137	2
9160617	GENERATOR	240	6
9160636	MODULATION	240	2
9976102	LAMP	269	1
9976156	FUSE	312	1
9976156-1	FUSE	339	1
9976156-2	FUSE	312 319	2 1
9976373-1	FUSE	319	11
9976464	LENS	148 149	1 2
9983715	SYNCHRONIZER	27	3
9986339	AMPLIFIER	218	2
9986413	AMPLIFIER	240	4
9986424	POWER SUPPLY	5 220 313	3 1 2
9986425	POWER SUPPLY	5	5
9986559	CONNECTOR	337	9
9986561	FILTER	337	7
9986573	PROBE ASSEMBLY	337	11
9986952	FUSE	8	1
9986952-2	FUSE	8	8
9988894	TRACKING STATION	1	
9989392	SYNCHRONIZER	218	4
9993034	AMPLIFIER	65	1
9993998	CABLE ASSEMBLY	2	9
9995950	AMPLIFIER	256	4
9995973	SYNCHRO ASSEMBLY	220	6
9996138	FILTER	137	3
9997999	AMPLIFIER-DETECTOR	140	4
9998462	GENERATOR	279	1

REFERENCE NO.	ITEM NAME	FIG. NO.	ITEM NO.

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REFERENCE NO.	ITEM NAME	FIG. NO.	ITEM NO.	REFERENCE NO.	ITEM NAME	FIG. NO.	ITEM NO.
8515660	ELECTRON TUBE	40	4	9017174	BOOT	269 284	5 5
8516045	FUSE	339	5				
8517364	AMPLIFIER	65	4	9136696	SYNCHRONIZER	316	1
8517446	AMPLIFIER	97	2	9136917	AMPLIFIER	225 279	3 4
8517944	AMPLIFIER	138	5	9137420	SEMICONDUCTOR	176 212 217 308	1 1 2 1
8519197	LAMP	313	1				
8520413	ADAPTER	60	10	9137641	REGULATOR	5 313	4 4
		218	5	9139125	AMPLIFIER	268	1
9000007	GENERATOR	60	3	9139336	GENERATOR	268	3
9000051	AMPLIFIER	190	1	9139337	RECEIVER	314	3
9000695	SWITCH	82 83 87 91 106 261 263 264	5 5 4 9 1 1 2 2	9139349	GENERATOR	268	2
				9139862	AMPLIFIER	186	1
9004080	COIL	48 50 56	1 3 6	9140083	CONTROL-INDICATOR	27	2
9005495	AMPLIFIER	78 256	2 3	9140697	POWER SUPPLY	5 310	8 1
9006949	AMPLIFIER	63 218	1 6	9140767	AMPLIFIER	256	1
9007312	FUSE	312	4	9140771	CONVERTER	138	2
9007334	CONTROL	137	6	9141252	OSCILLATOR	177	1
9007519	SEMICONDUCTOR	25	1	9142849	GENERATOR	60	4
9007682	GENERATOR	220	4	9143780	GENERATOR	137 311	1 1
9007695	GATE	243 250	1 1	9143848	GENERATOR	225 279	1 2
9008187	CONVERTER	137	5	9143996	GENERATOR ASSEMBLY	138	3
9009270	DETECTOR	140	5	9144063	CHAIR	2	2
9009281	AMPLIFIER	140	3	9144073	FUSEHOLDER	6 15 22 319	4 1 1 7
9009464	CONTROL	140	2	9144180	ELECTRON TUBE	246	2
9009562	AMPLIFIER-DETECTOR	140	1	9144701	GENERATOR	240	3
9012081	FILTER	315	1	9144784	DETECTOR	220	7
9012908	AMPLIFIER	315	2	9144785	GENERATOR	220	2
9012941	DETECTOR	315	3	9144786	SYNCHRONIZER	218	3
9012970	DETECTOR	314	1	9145029	AMPLIFIER	240	1
9016020	POWER SUPPLY	5	1	9145772	AMPLIFIER	220	3
9017174	BOOT	82 83 87 91 106 239 263 264	3 4 3 7 3 1 1 1	9145780	GENERATOR	220	5
				9150659	FUSE	8 22	2 2
				9154656	TIMER	5 314	6 2
				9155814	AMPLIFIER	138	1

By Order of the Secretary of the Army:

Official:

J. C. LAMBERT,  
*Major General, United States Army,*  
*The Adjutant General.*

EARLE G. WHEELER,  
*General, United States Army,*  
*Chief of Staff.*

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